การตั้งค่าการใช้ฐานข้อมูล MySQL

ดาวน์โหลด โปรแกรม XAMPP จากลิ้ง <u>https://www.apachefriends.org/download.html</u>

🖾 Setup		_		×
	Setup - XAMPP Welcome to the XAMPP Setup Wizard.			
b itnami				
	< Back No	ext >	Can	cel

กด Next จะได้หน้าจอดังภาพ

	35511571W00101
😆 Setup	– 🗆 X
Select Components	ເຊ
Select the components you want to install; clear Next when you are ready to continue.	the components you do not want to install. Click
Server Apache MySQL FileZilla FTP Server Mercury Mail Server Tomcat Program Languages PHP Perl Program Languages PhpMyAdmin Webalizer Fake Sendmail	Click on a component to get a detailed description
XAMPP Installer	< Back Next > Cancel

รอจนกว่าโปรแกรมจะติดตั้งสำเร็จ

🖾 Setup	_		Х
Welcome to XAMPP! XAMPP is an easy to install Apache di containing MySQL, PHP and Perl	E	ion	
Installing			
Unpacking files			
XAMPP Installer	vext >	Cano	cel

โปรแกรมติดตั้งเสร็จสมบรูณ์ กด Finish



เปิดโปรแกรม XAMMP จะได้หน้าตาดังภาพข้างล่างนี้

🔀 XAMPP	Control Par	nel v3.2.2 [Com	piled: Nov 12th 2	2015]			_		Х
ខ	XAI	MPP Contro	ol Panel v3	.2.2				<i>}</i> 0	onfig
Modules Service	Module	PID(s)	Port(s)	Actions				🛛 🎯 Ne	etstat
	Apache			Start	Admin	Config	Logs	- 🗾 S	Shell
	MySQL			Start	Admin	Config	Logs	Ex Ex	plorer
	FileZilla			Start	Admin	Config	Logs	🛛 🌄 Ser	rvices
	Mercury			Start	Admin	Config	Logs	0 H	lelp
	Tomcat			Start	Admin	Config	Logs		Quit
9:42:37 P 9:42:37 P 9:42:37 P 9:42:37 P 9:42:37 P 9:42:48 P 9:42:48 P 9:42:48 P 9:42:48 P	M [main] M [main] M [main] M [main] M [main] M [main] M [main]	there will b about runni XAMPP Ins Checking fo All prerequ Initializing I Starting Ch Control Par	e a security dia ing this applicat stallation Directo or prerequisites isites found Modules neck-Timer nel Ready	logue or thi tion with ad ory: "c:\xan	ngs will brea ministrator r npp\"	ak! So think ights!			~
🔀 ХАМРР	Control Pan	el v3.2.2							

กดปุ่ม Start 2 ปุ่มแรก ได้จะตามหน้าจอข้างล่างนี้

🔀 XAMPI	P Control Pan	el v3.2.2 [Co	mpiled: Nov 12th 2	2015]			_		×
ខា	XAN	IPP Cont	rol Panel v3.	.2.2				<i>J</i> o	onfig
Modules Service	Module	PID(s)	Port(s)	Actions				🛛 🎯 Ne	etstat
	Apache	460 4448	80, 443	Stop	Admin	Config	Logs	- 🗾 S	Shell
	MySQL	8724	3306	Stop	Admin	Config	Logs	Ex Ex	plorer
	FileZilla			Start	Admin	Config	Logs	🦻 😼 Se	rvices
	Mercury			Start	Admin	Config	Logs	0 H	Help
	Tomcat			Start	Admin	Config	Logs		Quit
9:42:37 P 9:42:48 P 9:42:48 P 9:42:48 P 9:42:48 P 9:42:48 P 9:43:11 P 9:43:12 P 9:43:13 P 9:43:16 P	M [main] M [main] M [main] M [main] M [main] M [Apache] M [Apache] M [mysql]	Checking All prereq Initializing Starting C Control P Attemptin Status ch Attemptin Status ch	for prerequisites uisites found Modules Check-Timer anel Ready ug to start Apache ange detected: ru g to start MySQL ange detected: ru	e app unning _ app unning					*

เข้าลิ้งข้างล่างนี้ จะได้หน้าจอดังภาพ

http://localhost/phpmyadmin/

/ 🛵 localhost / 127.0.0.1 ph 🛛 🗙 📃		26 🗸	Θ –	٥
$oldsymbol{\epsilon} e ightarrow oldsymbol{\mathcal{C}}$	min/			\$ ⊴
PhpMyAdmin ☆ 蜀 ⊗ 0 @ © © Recent Favorites □ ∞ New ⊕ noformation_schema	← ∰Server: 127.0.0.1 ③ Databases ③ SQL ⑤ Status ◎ User accounts ④ Export ④ Import ﴾ Set General settings ■ Server connection collition ⊕: utflowth unicode ci	tings I Replication Database server	▼ More	7
 G mysql G performance_schema G mysql G phymadmin G test 	Appearance settings	Server type: MariaD8 Server version: 10.1.28-MariaD8 - ma distribution Protocol version: 10 User: root@localhost Server charset: UTF-8 Unicode (utf8)	riadb.org binary	
	 Font size: 82% Pont size: 82% Pont settings 	Web server • Apache/2.4.29 (Win32) OpenSSL/1.0. • Database client version: Ibmysql - my 20120503 - \$1d: 76608b24596e12d45 \$ • PHP extension: mysqli @ curl @ mbt • PHP version: 5.6.32	2l PHP/5.6.32 /sqlnd 5.0.11-de /53bd41fc93cccd	/- 5bac2fe7a

กดปุ่ม New แล้วตั้งชื่อฐานข้อมูล databasepos แล้ว กดปุ่ม Create

phpMyAdmin	← 🗐 Server: 127.0.0.1		
a 🗐 🔍 🗐 🖉	🗊 Databases 📗 S	QL 🚯 Status 🗉 User ad	counts 📑 Export 🖬 Impo
Recent Favorites			
Rew New Information_schema	Databases		
H mysql	🕞 Create database	0	
phpmyadmin test	databasepos	Collation	• Create
	Database 🔺	Collation Action	
	information_schema	utf8_general_ci 💻 Check privile	ges
	🗆 mysql	latin1_swedish_ci 📑 Check privile	ges
	performance_schema	utf8_general_ci 🔳 Check privile	ges
	phpmyadmin	utf8_bin 📑 Check privile	ges
	🔲 test	latin1_swedish_ci 🔳 Check privile	ges
	Total: 5	latin1_swedish_ci	
	↑	With selected: 📃 Drop	

จากนั้นไปที่แทบ SQL แล้วคัดลอกสคริปข้างล่างนี้ไปว่างแล้วกดปุ่ม Go

GRANT ALL PRIVILEGES ON *.* TO 'root'@'%' IDENTIFIED BY 'password' WITH GRANT OPTION; FLUSH PRIVILEGES;

oboMuAdmin	 Server: 127.0.0.1 » Database: databasepos 				☆ ⊼
♪ 「 か 雪 ◎ □ 章 © 章	M Structure SQL Search 💷 🤇	Query 🖶 Export 🗔 Import	🌽 Operations 📑 Privileges	🗟 Routines 🕒 Events	▼ More
Recent Favorites	Run SQL query/queries on database datab	asepos: 🛞			
databasepos information_schema mysql w_performance_schema performance_schema phpmyadmin test	1 GRANT ALL PRIVILEGES ON *.* TO 'mod'@'W IDE 2 FLUSH PRIVILEGES	TIFFED BY 'password' WITH GRANT OPTION;			
	Clear Format Get auto-saved of Bind parameters @ Bookmark this SQL query:	uery			
	[Delimiter ;] 🖉 Show this query her	e again 🗌 Retain query box 🗌 Rollb	ack when finished 📝 Enable foreign l	key checks	60

จะได้หน้าจอดังภาพข้างล่างนี้

igstarrow igstarro	fmin/db_sql.php?db=databasepos	Se 🕸	r :
phpMyAdmin	🛏 🗊 Server: 127.0.0.1 » 🍵 Database: databasepos		\$7 ⊼
<u>∧ 5</u> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	📝 Structure 🗐 SQL 🔍 Search 🗊 Query 🚍 Export 🕞 Import 🧳 Operations 📧 Privileges 🖓 Routines 🤒 Events	▼ More	
Recent Favorites	Show query box		
New — databasepos	✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0037 seconds.)		
information_schema	GRANT ALL PRIVILEGES ON *.* TO 'root'@'%' IDENTIFIED BY 'password' WITH GRANT OPTION		
mysql performance schema	[Edit inline] [Edit	t] [Create PHP	code]
phpmyadmin e test	✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0020 seconds.)		
	FLUSH PRIVILEGES		
	[Edit inline] [Edit	t] [Create PHP	code]
			-

จากนั้นไปที่โปรแกรมขายหน้าร้าน กดปุ่ม ตั้งค่าฐานข้อมูล

— I	ogin	×
0	📃 โปรแกรมขายหน้าร้าน	
•	ชื่อผู้ใช้ <mark>admin</mark> รหัสผ่าน •••••	
•	 ่ ข่าชื่อผู้ใช้และรหัสผ่าน ** เข้าใช้งานครั้งแรก ชื่อผู้ใช้งาน:admin รหัสผ่าน:admin 	۰.
•	Copyright © 2018 by Onepointofsale.com <mark>ตั้งค่าฐานข้อมูล</mark> ติดต่อเรา	

เลือก Mysql database

IP address: 127.0.0.1 (กรณีแชร์ให้เครื่องอื่นๆ ให้เครื่องอื่นๆใช้ IP address ของเครื่อง Server)

DB Name: databasepos (หรือตามชื่อฐานข้อมูลของท่าน)

User Name: root (หรือท่านสามารถสร้าง User อื่นๆได้)

Password: ค่าเริ่มต้นไม่มี (หรือตาม User ที่ท่านสร้างขึ้นมา)

ตั้งค่าฐานข้	้อมู ล						
	se						
Path ใช้ตามค่า	เริ่มต้น	0		0			เลือ
Path <u>ใช้ตามค่า</u> MySql Data	เริ่มต้น base				. •		เลือง
Path <u>ใช้ตามค่า</u>	เริ่มต้น base 127.0.0.7	•	DB	Name	databa	asepos	เลือก
Path <u>ใช้ตามค่า</u>	เริ่มต้น base 127.0.0.7 ** ก่าเริ่มต้น 127.0	.0.1	DB	Name	databa	asepos	เลือ

การตั้งค่า Database user สำหรับเครื่องอื่นๆ

คลิกที่เมนู User Accout จากนั้นเลือก Add user account

← 1	🗐 Server: 127	.0.0.1													7
	Databases	📄 SQL	🐁 Status	user accounts	📑 Expor	t 🗔	Import	🥜 Settings		Replication	ø	Variables	▼	More	
U	ser accounts	overview	User grou	IDS											
			,												
П	ser acc	ounte c	worvio	14/											
0		ounts c		VV											
	•							C		ha haat aanta ɗal					c
(%) host. 😡	nt allowing an	y user from i	ocainost to connect is pres	ent. This Will	preven	t other users	from connect	ngirt	ne nost part of t	neir ac	count allows	a conn	lection	from any
	User name	Host name	Password	Global privileges 😡 U	lser group	Grant	Action								
	Any	%	No	USAGE		No	🐉 Edit privi	leges 📕 Exp	ort						
	Any	localhost	No	USAGE		No	🐉 Edit privi	leges 🔜 Exp	ort						
	ааааааа	%	Yes	ALL PRIVILEGES		Yes	🐉 Edit privi	leges 🔜 Exp	ort						
	pma	localhost	No	USAGE		No	🐉 Edit privi	leges 🔜 Exp	ort						
	root	%	Yes	ALL PRIVILEGES		Yes	🐉 Edit privi	leges 🔜 Exp	ort						
	root	127.0.0.1	No	ALL PRIVILEGES		Yes	🐉 Edit privi	leges 🔜 Exp	ort						
	root	::1	No	ALL PRIVILEGES		Yes	🐉 Edit privi	leges 🔜 Exp	ort						
	root	localhost	No	ALL PRIVILEGES		Yes	🐉 Edit privi	leges 🔜 Exp	ort						
t	Check	all With s	elected: 📃	, Export											
_	Now														
	INCAN														
	强 Add user a	ccount													

กรอก **Username** และ Password และ เลือก **Option** ดังภาพด้านล่างนี้

*** โดยข้อมูลนี้จะถูกนำไปใช้ที่การตั้งค่าที่โปรแกรมขายหน้าร้าน

←	🗐 Server: 127.0.0.1										1
	🛛 Databases 📘 S	QL 🚯 Status	User accounts	🖶 Export	🖶 Import	🤌 Settings	E Replication	 Variables 	E Charsets	Engines	
	Login Information]									
	User name:	Use text field:	•								
	Host name:	Any host	▼ %		9						
	Password:	Use text field:	•								I
	Re-type:										I
	Authentication Plugin		Native MySC	L authentication	T						
	Generate password:	Generate									
ĮĽ,											l
	Database for user a	account									
	Create database wi	th same name and g	rant all privileges.								
	Grant all privileges	on wildcard name (u	sername_%).								
	Global privileges	Check all									
	Note: MySQL privilege nam	es are expressed in Engl	lish.								
	🖉 Data	Structu	re	✓ Adminis	tration	Resource	limits				
	Console SELECT	CREATE		GRANT		Note: Setting	these options to 0 (zero)	removes the limit.			Ŧ

เมื่อกรอกข้อมูลเสร็จแล้วให้ กดปุ่ม Go

TINDER I	MLIER .	C DUPER	
UPDATE	INDEX	PROCESS	MAX QUERIES PER HOUR
DELETE	C DROP	RELOAD	MAX UPDATES PER HOUR 0
FILE	CREATE TEMPORARY TABLES	SHUTDOWN	
	SHOW VIEW	SHOW DATABASES	MAX CONNECTIONS PER HOUR 0
	CREATE ROUTINE	LOCK TABLES	MAX USER CONNECTIONS 0
	ALTER ROUTINE	REFERENCES	
	EXECUTE	REPLICATION CLIENT	
	CREATE VIEW	REPLICATION SLAVE	
	EVENT	CREATE USER	
	TRIGGER		
		Require SSL	
		REQUIRE CIPHER	
		REQUIRE ISSUER	
		REQUIRE SUBJECT	
		REQUIRE X509	
		REQUIRE SSL	
			Go

การตั้งค่าฐานข้อมูล ให้เลือก Mysql Database IP address เป็น IP เครื่องที่ตั้งตั้งฐานข้อมูล

Database Name เป็นชื่อฐานข้อมูล

Username และ Password เป็นชื่อและรหัสผ่านของผู้ใช้

ั้งค่าฐานข้อมูล			
ตั้งค่าฐานข้อมูล			
○ Pos Database			
Path ใช้ตามอ่าเริ่มต้น			เลือก
MySql Database			
IP address 192.168.9.6	DB Name	onepointofsale	
User Name C11112232	Password	A34D35	
**กรณีใช้ Mysql ครั้งแรก โปรแกรมจะสร้างฐาน	ข้อมูลให้อัตโนมัติ	บันทึก	ยกเลิก

หากเครื่องลูกยังไม่สามารถเชื่อมต่อฐานข้อมูลจากเครื่องแม่ได้

https://www.youtube.com/watch?v=9ustAN8XSS8

ให้ทำการเปิด Windows firewall โดยให้เปิด port 3306 โดยไปที่



คลิกที่ Inbound Rule แล้วคลิกที่ New Rule

🔗 Windows Defender Firewall wit	h Advanced Security						-	×
File Action View Help								
🗢 🄿 🙇 🖬 🗟 🖬								
 Image: Second Sec	Inbound Rules Name	Group @{Windows.ContactSuppor AllJoyn Router AllJoyn Router App Installer BranchCache - Content Retr BranchCache - Hosted Cach FaranchCache - Hosted Cach Cast to Device functionality Cast to Device functionality Cast to Device functionality Cast to Device functionality Cast to Device functionality	Profile All Domai Domai All All All Private Public Domain Drivate	Enabled Yes Yes Yes No No Yes Yes Yes Yes Yes	Acti ^ Allo Allo Allo Allo Allo Allo Allo All	Actions Inbound Rules Imbound Rule Imbound Rule Imbound Rule Filter by Profile Filter by State Filter by Group View Refresh Export List Help		• • •
۲ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲	Cast to Device streaming server (HTTP-St Cast to Device streaming server (RTCP-St Cast to Device streaming server (RTCP-St Cast to Device streaming server (RTCP-St Cast to Device streaming server (RTSP-Str Cast to Device UPNP Events (TCP-In) Connect Connect	Cast to Device functionality Cast to Device functionality Connect Connect	Public Domain Private Public Domain Private Public Public All	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Allo Allo Allo Allo Allo Allo Allo Allo			

เลือก Port

🔗 New Inbound Rule Wizard	×	:
Rule Type		
Select the type of firewall rule to cr	reate.	
Steps:		
Rule Type	What type of rule would you like to create?	
Protocol and Ports		
Action	O Program	
Profile	Rule that controls connections for a program.	
Name	Port	
	Rule that controls connections for a TCP or UDP port.	
	O Predefined:	
	AllJoyn Router V	
	< Back Next > Cancel	

🗑 New Inbound Rule Wizard	X
_	
Protocol and Ports	
pecify the protocols and ports to	which this rule applies.
iteps:	
Rule Type	Does this rule apply to TCP or UDP?
Protocol and Ports	() TCP
Action	O UDP
Profile	
Name	Dese this rule apply to all local parts or apporting local parts?
	Specific local ports: <u>3306</u> Evample: 90, 443, 6000, 6010
	Example: 60, 445, 5000-5010
	< Back Cancel
New Inbound Rule Wiza	rd X
New Inbound Rule Wizar Action	A Back Cancel rd X
New Inbound Rule Wizar action becify the action to be taken w	A Back Cancel Ind X when a connection matches the conditions specified in the rule.
New Inbound Rule Wizar action beofy the action to be taken w	A Back Cancel Ind X What action should be taken when a connection matches the specified conditions?
New Inbound Rule Wizar ction ecify the action to be taken w eps: Rule Type	< Back
New Inbound Rule Wizar ction ecify the action to be taken w eps: Rule Type Protocol and Ports	Allow the connection
New Inbound Rule Wizar ction ecify the action to be taken w eps: Rule Type Protocol and Ports Action	Allow the connection This includes connections that are protected with IPsec as well as those are not.
New Inbound Rule Wizar Action becify the action to be taken w eps: Rule Type Protocol and Ports Action Profile	Allow the connection matches the protected with IPsec as well as those are not.
New Inbound Rule Wizar ction ecify the action to be taken w eps: Rule Type Protocol and Ports Action Profile Name	Allow the connection of it is secure This includes only connections that have been authenticated by using IPsec. Connections
New Inbound Rule Wizar Action becify the action to be taken w teps: Rule Type Protocol and Ports Action Profile Name	Allow the connection stat are protected with IPsec as well as those are not. Allow the connection of it is secure This includes connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node.
New Inbound Rule Wizar ction ecify the action to be taken w eps: Rule Type Protocol and Ports Action Profile Name	Back Cancel C
New Inbound Rule Wizar ction ecify the action to be taken w eps: Rule Type Protocol and Ports Action Profile Name	A Back Nexts Cancel Ind X A conditional of the conditional specified in the rule. A conditional specified in the rule. </td
New Inbound Rule Wizar ction ecify the action to be taken w eps: Rule Type Protocol and Ports Action Profile Name	A Back Nexts Cancel And X A construction matches the conditions specified in the rule. A construction matches the conditions specified in the rule. What action should be taken when a connection matches the specified conditions? A low the connection This includes connections that are protected with IPsec as well as those are not. Allow the connection if it is secure This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node. Customize Bock the connection
New Inbound Rule Wizar ction ecify the action to be taken w eps: Rule Type Protocol and Ports Action Profile Name	Back Nexts Cancel And An
New Inbound Rule Wizar ction ecify the action to be taken w eps: Rule Type Protocol and Ports Action Profile Name	Image: Back Next > Cancel Image: Cancel<
New Inbound Rule Wizar Action Protocol and Ports Action Profile Name	Back Next> Cancel
New Inbound Rule Wizar Action Rule Type Protocol and Ports Action Profile Name	A bet is a connection matches the conditions specified in the rule. A connection matches the conditions specified in the rule. A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when a connection matches the specified conditions? A bet action should be taken when acti
New Inbound Rule Wizar Action pecify the action to be taken with Rule Type Protocol and Ports Action Profile Name	Back Next- Cancel Ca
New Inbound Rule Wizar Action Peecfy the action to be taken we heps: Rule Type Protocol and Ports Action Profile Name	Back Next- Cancel Ca
New Inbound Rule Wizar Action Protocol and Ports Action Profile Name	d d
New Inbound Rule Wizar Action Protocol and Ports Action Profile Name	I det Next Cancel det Next Cancel det ne connection matches the conditions specified in the rule. Charter connection matches the conditions specified in the rule. O Hour the connection matches the specified conditions? Charter connections that are protected with IPsec as well as those are not. O Hour the connection of it is secure Matcher connections that have been authenticated by using IPsec. Connections specifies and rules in the Connection Security are not. Cutomize O Block the connection
New Inbound Rule Wizar Action Protocol and Ports Action Profile Name	Back Next> Cancel
New Inbound Rule Wizar ction ecify the action to be taken w eps: Rule Type Protocol and Ports Action Profile Name	Back Next> Cancel

	💡 New Inbound Rule Wizard		×
F	Profile		
S	pecify the profiles for which this n	ule applies.	
S	teps:		
۲	Rule Type	When does this rule apply?	
۲	Protocol and Ports		
۲	Action		
۲	Profile	Applies when a computer is connected to its corporate domain.	
۲	Name	Private	
		Applies when a computer is connected to a private network location, such as a home or work place.	
		Public	
		Applies when a computer is connected to a public network location.	
		< Back Next > Cancel	

6	New Inbound Rule Wizard			×
N	ame			
Sp	ecify the name and description	of this rule.		
St	eps:			
٠	Rule Type			
٠	Protocol and Ports			
۲	Action			
۲	Profile		Name:	1
۲	Name		iniyədii	J
			Description (optional):	1
			< Back Finish Cano	cel

💣 New Inbound Rule Wizard		×
Name		
Specify the name and description	of this rule.	
Steps:		
Rule Type		
Protocol and Ports		
Action		
Profile	Name:	
Name	iniyədi	
	Description (optional):	
	< Back Finish Cance	I