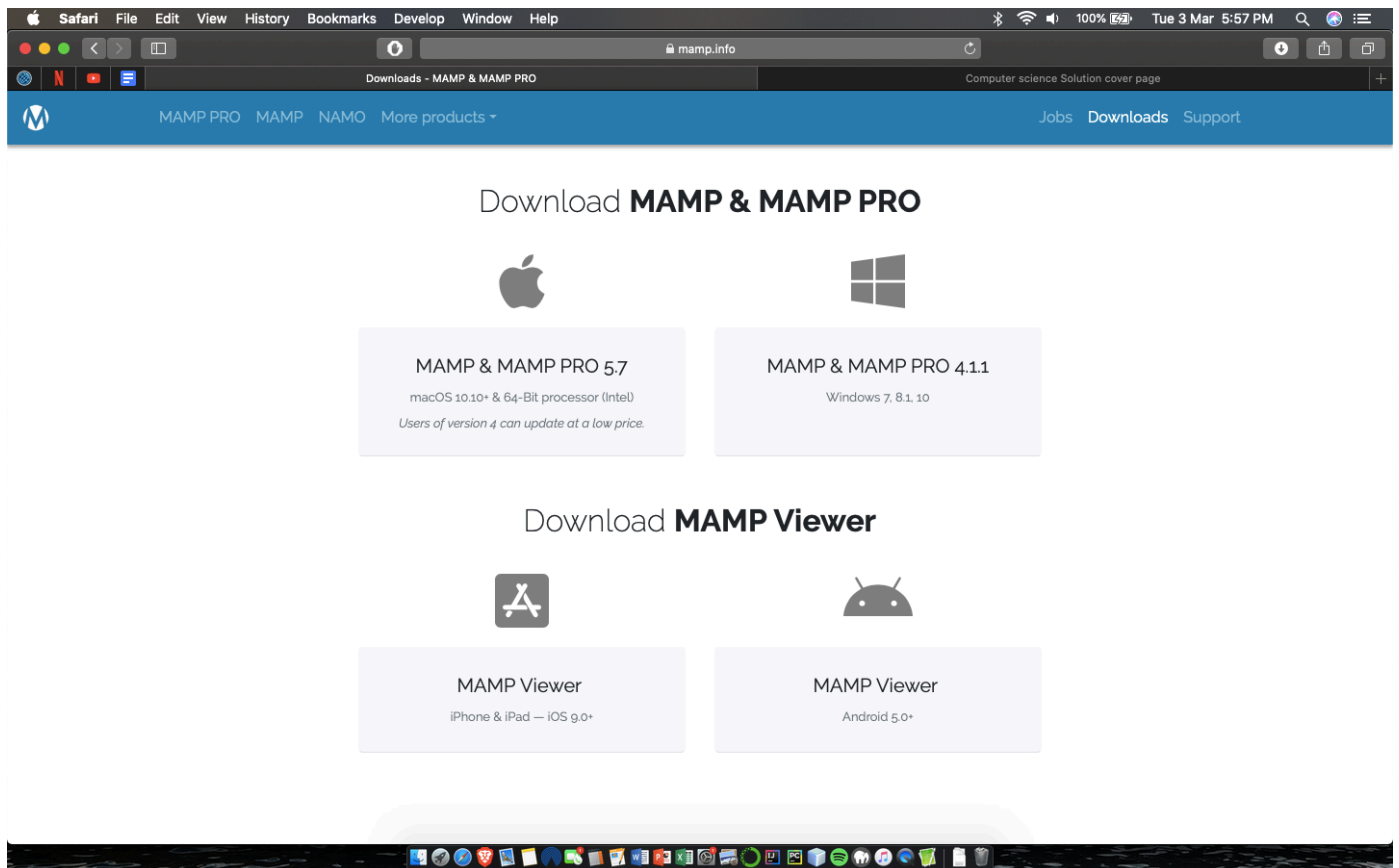


## Appendix 7: Further Instructions

In order to execute the program, follow these instructions:

- Download MAMP for your operating system from <https://www.mamp.info/en/downloads/?m=1581611990&>



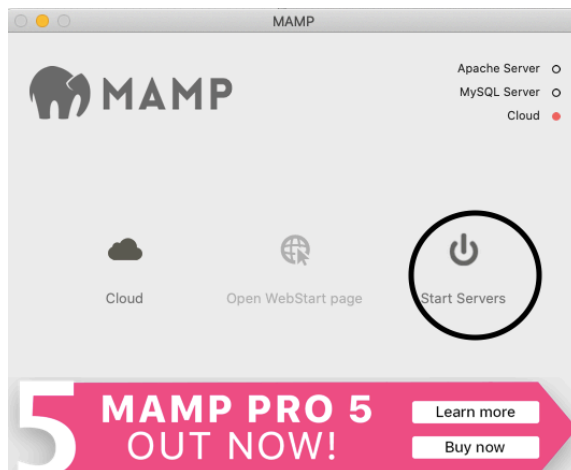
- Once MAMP is downloaded and installed, open it (make sure not to open MAMP PRO as it comes along with the MAMP download) and follow these steps:

1. Open MAMP settings and go to ports:



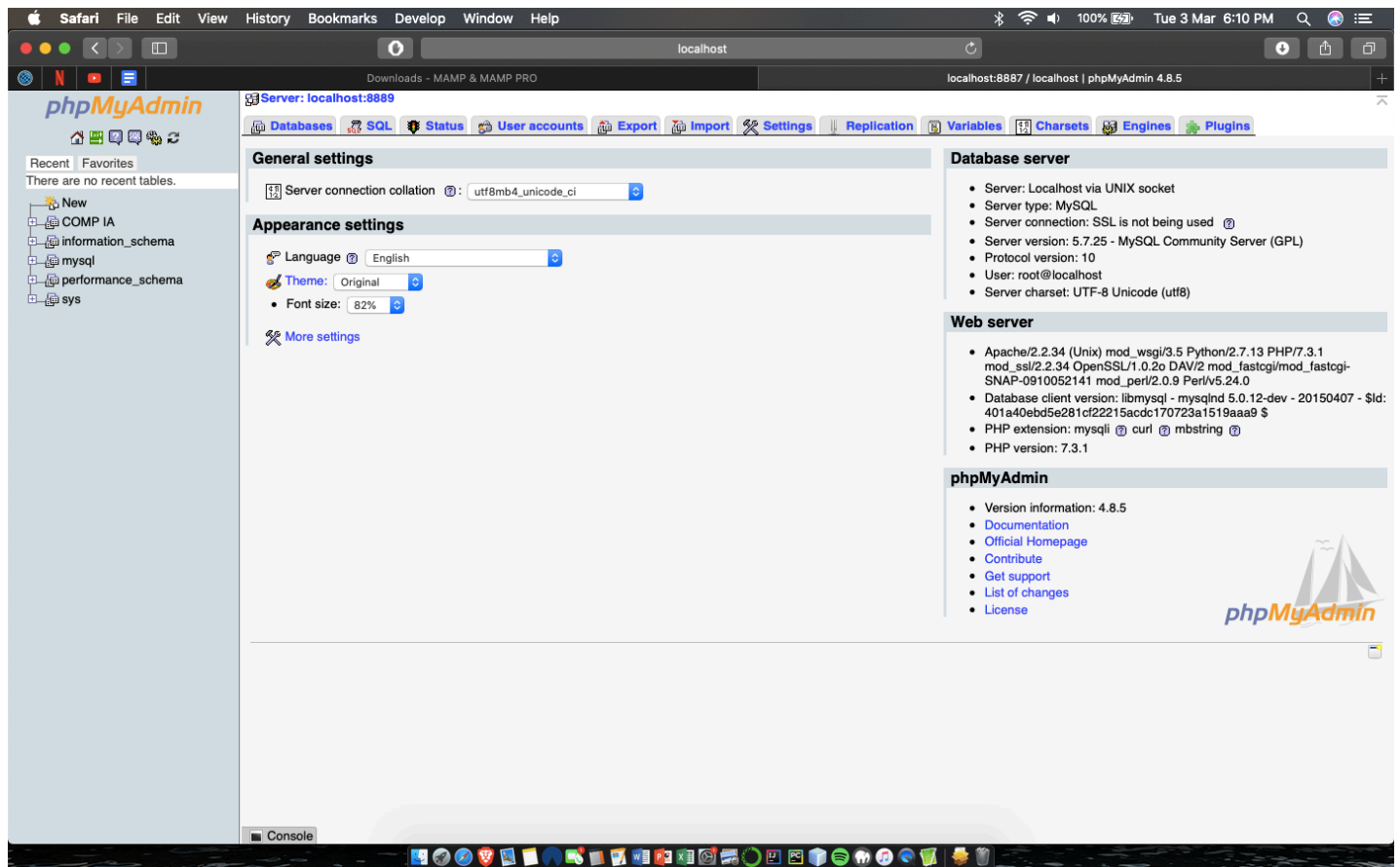
This page will come up. Make the port numbers as shown on the left, then click on OK.

2. Now, go back to the homepage and click on the start servers button.



Once the server is started and the round boxes next to the MySQL and Apache Server turn green, click on the Open WebStart page button.

3. This should open a page in the browser. Locate PhpMyAdmin and click on the button. This should open up a page which looks like:



Check if the username and password of the server is 'root'. If not, change both to 'root'.

4. Create a new database named “COMP IA” and make the following tables with the respective rows:

a) ‘Employees’. The following are the rows along with the data types:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	<b>Serial</b> 📄	int(11)		No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	2	<b>Name</b>	varchar(200)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	3	<b>Username</b>	varchar(200)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	4	<b>Password</b>	varchar(200)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	5	<b>Status</b>	varchar(50)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

b) ‘IngredientsPerCake’. The following are the rows with the data types:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	<b>Name</b>	varchar(200)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	2	<b>Baking_Soda</b>	varchar(11)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	3	<b>Flour</b>	varchar(11)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	4	<b>Condensed_Milk</b>	varchar(11)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	5	<b>Oil</b>	varchar(11)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	6	<b>Essence</b>	varchar(11)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	7	<b>Whipped_Cream</b>	varchar(11)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	8	<b>Cocoa_Powder</b>	varchar(11)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	9	<b>Sugar</b>	varchar(11)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	10	<b>Butter</b>	varchar(11)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

c) ‘Lifetime\_orders’. The following are the rows with the data types:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	<b>Serial</b> 📄	int(11)		No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	2	<b>Customer_Name</b>	varchar(200)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	3	<b>Product_Name</b>	varchar(200)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	4	<b>Quantity</b>	int(11)		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	5	<b>Price</b>	int(11)		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	6	<b>Delivery_Date</b>	date		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>














d) ‘Menu’. The following are the rows with the data types:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	<b>Serial</b> 📄	int(11)		No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	2	<b>Name</b>	varchar(50)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	3	<b>Price</b>	int(11)		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	4	<b>Quantity</b>	varchar(20)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

e) ‘Orders’. The following are the rows with the data types:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	<b>Serial</b> 📄	int(11)		No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	2	<b>Name</b>	varchar(50)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	3	<b>Price</b>	int(11)		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	4	<b>Quantity</b>	varchar(20)	utf8_general_ci	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

f) 'Stock'. The following are the rows with the data types:

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	Serial 	int(11)			No	None		AUTO_INCREMENT	 <a href="#">Change</a>  <a href="#">Drop</a>  <a href="#">More</a>
<input type="checkbox"/>	2	Name	varchar(200)	utf8_general_ci		No	None			 <a href="#">Change</a>  <a href="#">Drop</a>  <a href="#">More</a>
<input type="checkbox"/>	3	Quantity	int(11)			No	None			 <a href="#">Change</a>  <a href="#">Drop</a>  <a href="#">More</a>
<input type="checkbox"/>	4	Price	int(11)			No	None			 <a href="#">Change</a>  <a href="#">Drop</a>  <a href="#">More</a>

Once these tables are made, add the following to the table manually:

Name: admin

Username: admin

Password: 12345

Status: Working

Once this is added, execute the .jar file and upon login, type the username and password mentioned above and the program should execute.