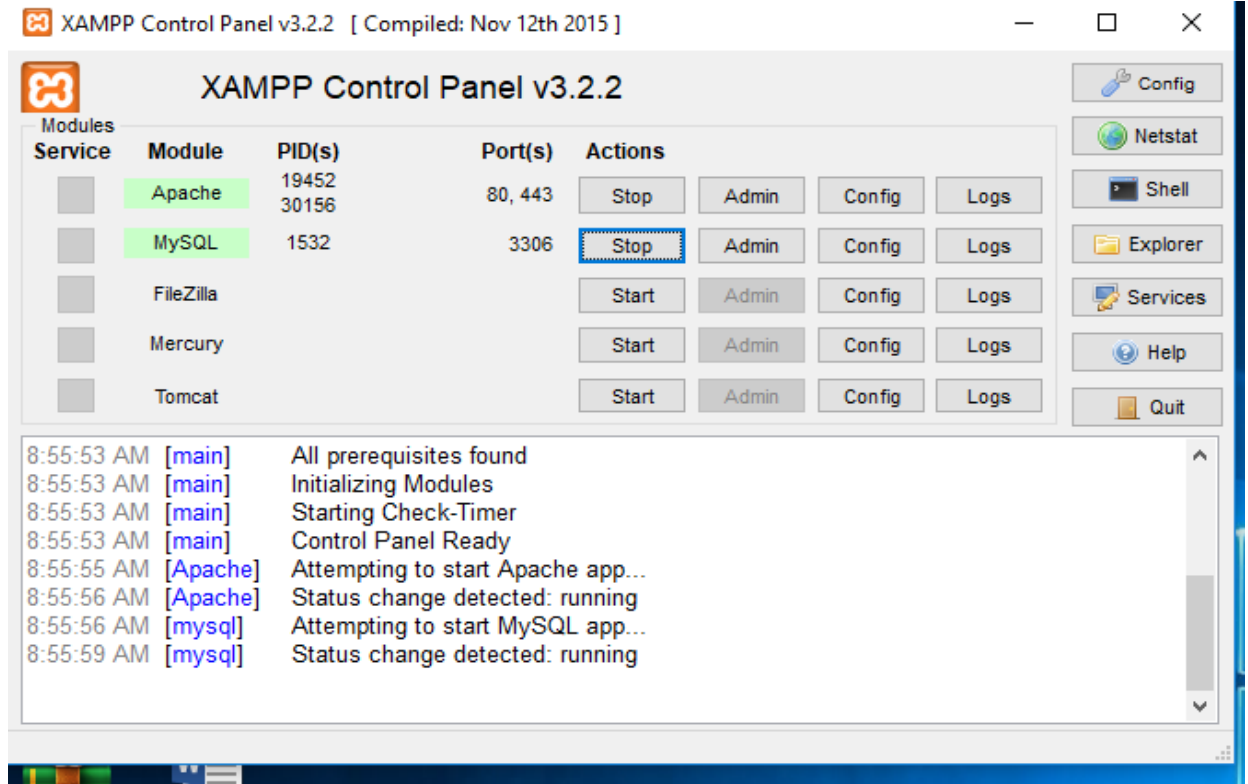


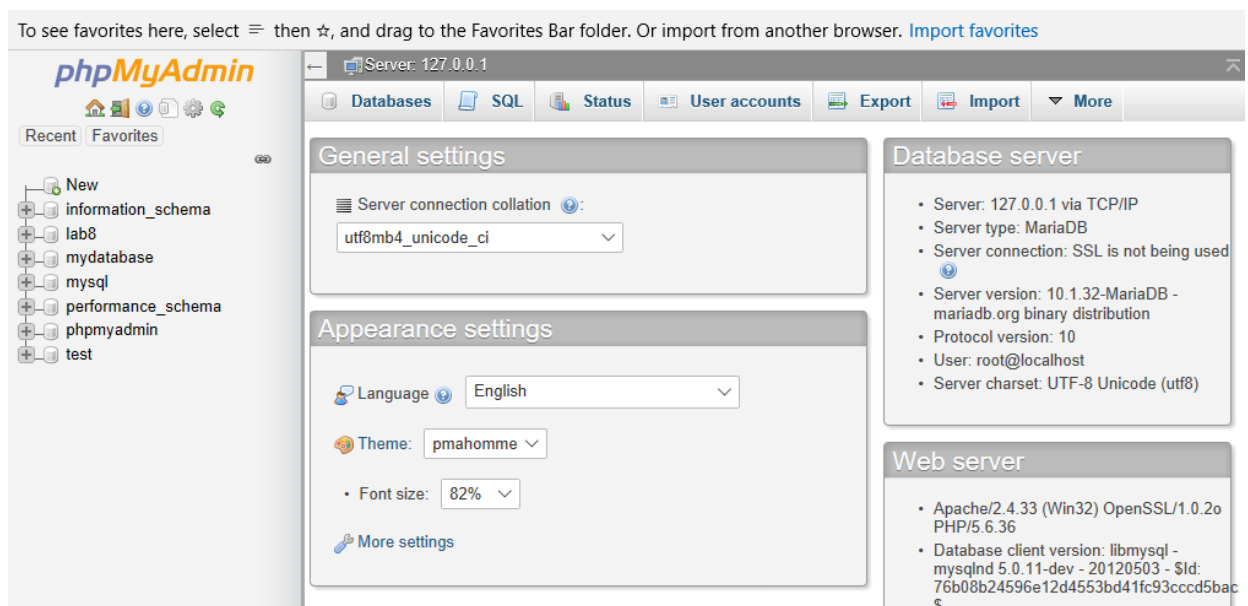
Lab Exercise 08 – Database handling using PHP and MYSQL

Instructions

1. Start apache and mysql server in your control panel

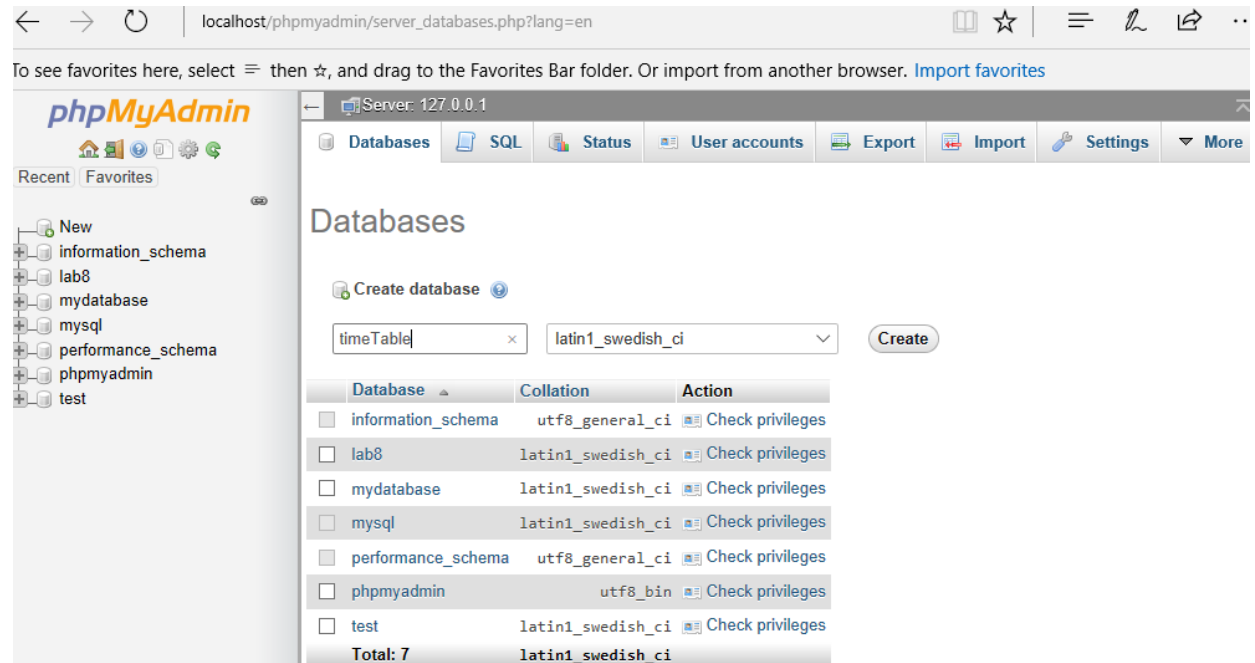


2. Go to your browser and run <http://localhost/phpmyadmin>

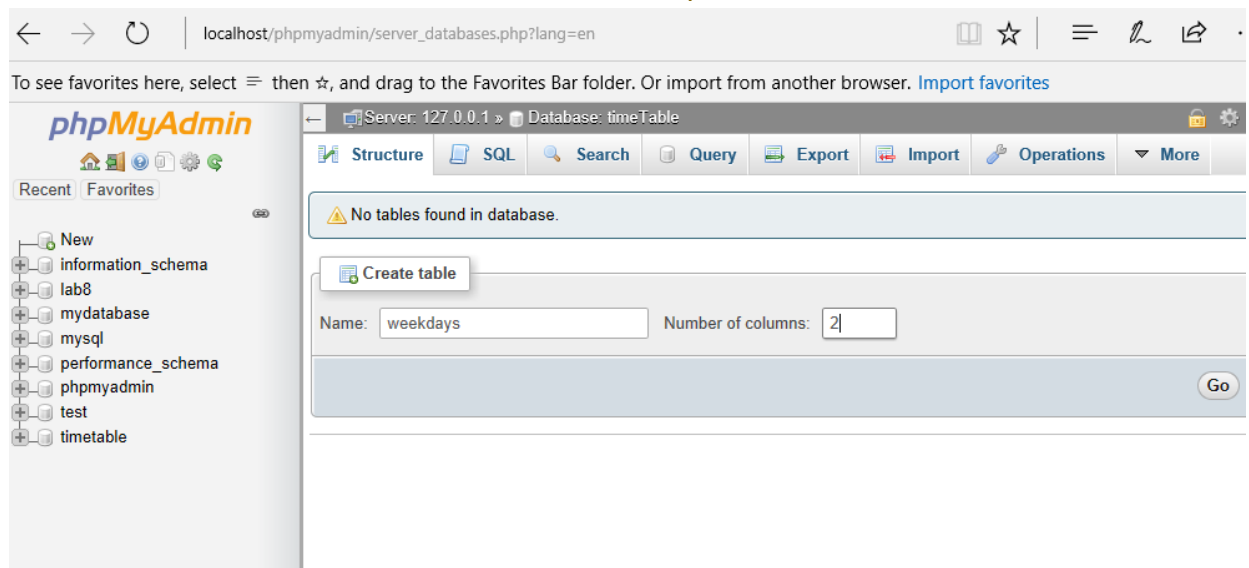


Lab Exercise 08 – Database handling using PHP and MYSQL

3). Click on database button and create your first database as “timetable”. Then click create

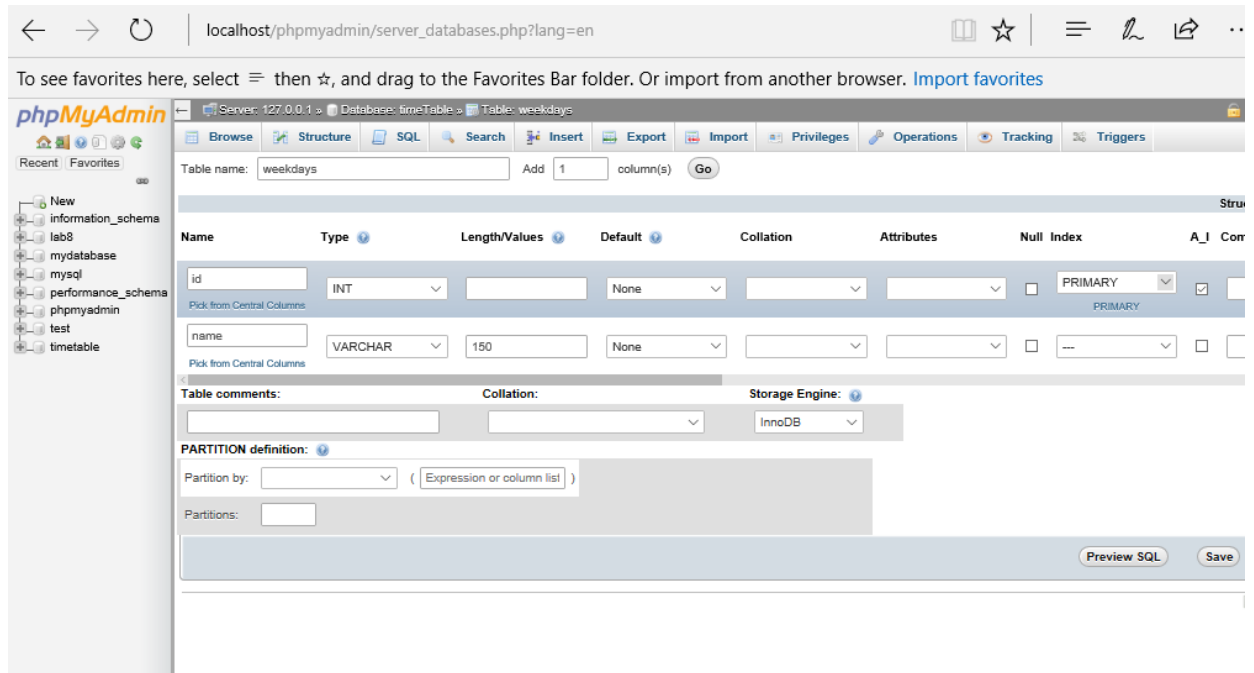


4). Create a table with two columns, name it as weekdays.



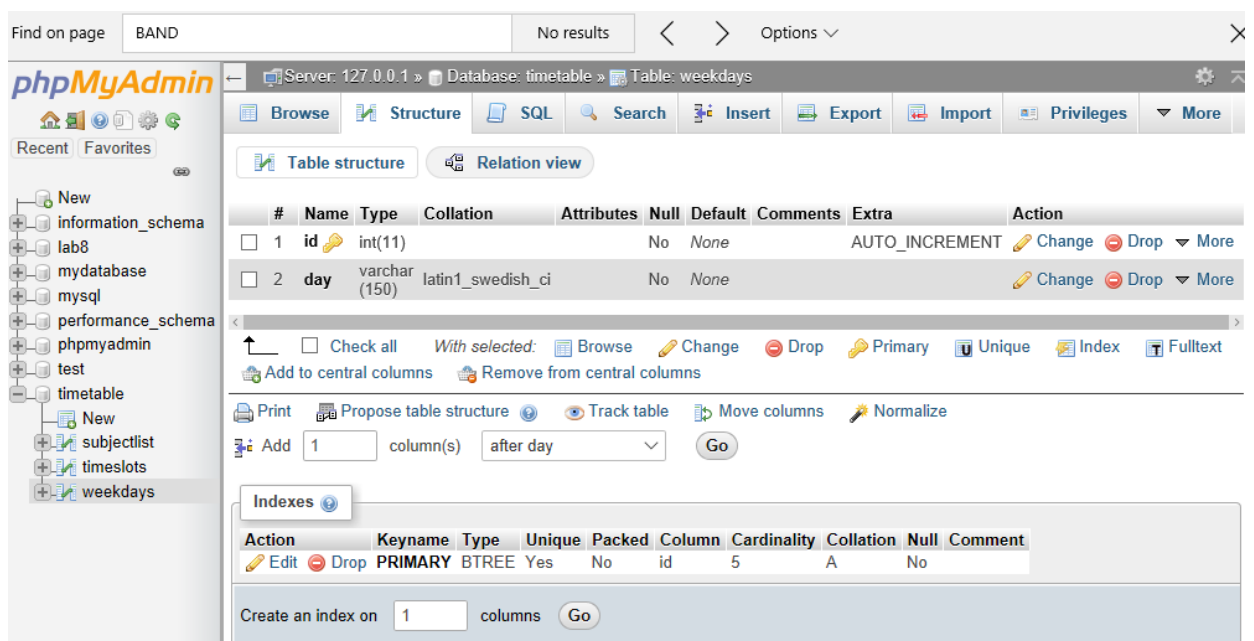
Lab Exercise 08 – Database handling using PHP and MYSQL

5).first column: **id** , type int , select index as **primary key**, tick on **A_I** (auto increment).
 Second column : **name** , type varchar , length 150 .
 Click save.



The screenshot shows the phpMyAdmin interface with the 'Structure' tab selected for a table named 'weekdays'. The table has two columns: 'id' (INT, PRIMARY, A_I checked) and 'name' (VARCHAR(150)). The 'Storage Engine' is set to InnoDB. The 'PARTITION definition' section is empty. The 'Preview SQL' and 'Save' buttons are visible at the bottom right.

6). your table structure will looks like below.



The screenshot shows the 'Table structure' view for the 'weekdays' table. The table has two columns: 'id' (int(11), PRIMARY, AUTO_INCREMENT) and 'day' (varchar(150), latin1_swedish_ci). The 'Indexes' section shows a PRIMARY index on the 'id' column. The 'Create an index on' section is at the bottom.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	day	varchar(150)	latin1_swedish_ci		No	None			Change Drop More

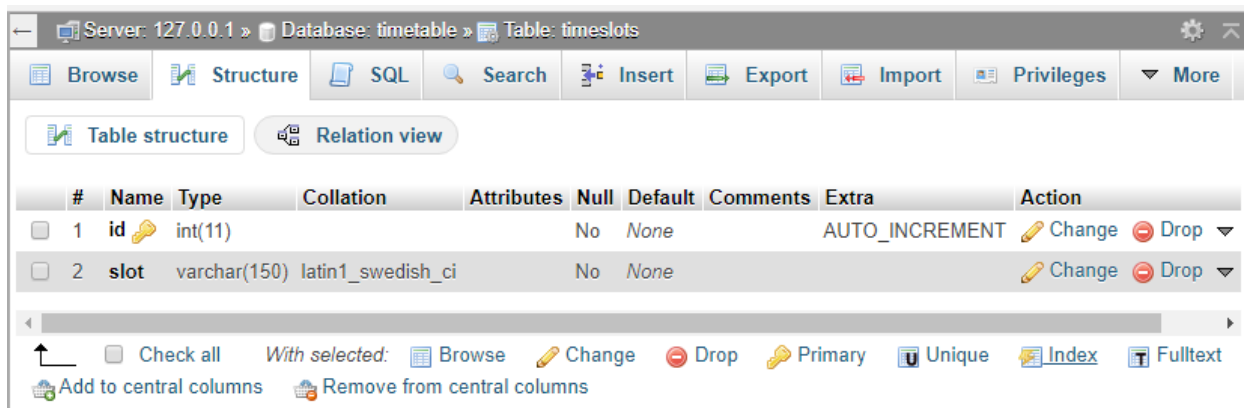
Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id	5	A	No	

Create an index on columns [Go](#)

Lab Exercise 08 – Database handling using PHP and MYSQL

Exercise 1

1. Insert 7 week days to the table weekdays.(use phpmyadmin)
2. Create new table, timeslots as below.



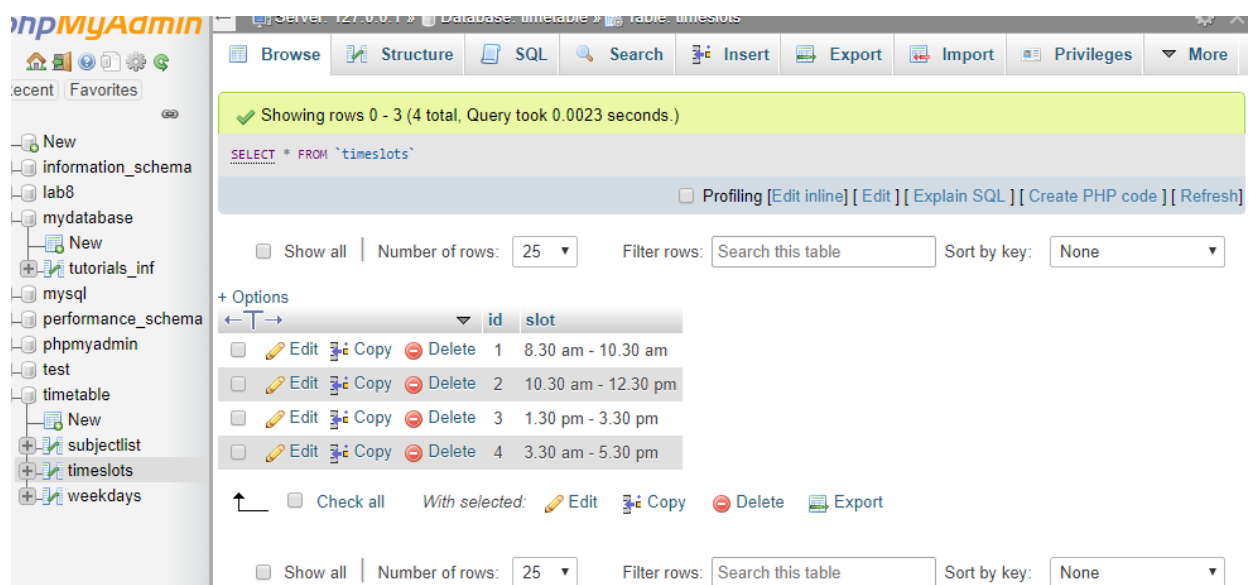
Server: 127.0.0.1 » Database: timetable » Table: timeslots

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop
2	slot	varchar(150)	latin1_swedish_ci		No	None			Change Drop

Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Fulltext](#)
[Add to central columns](#) [Remove from central columns](#)

3. Add values to timeslots (use phpmyadmin).



Server: 127.0.0.1 » Database: timetable » Table: timeslots

Showing rows 0 - 3 (4 total, Query took 0.0023 seconds.)

`SELECT * FROM `timeslots``

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

	id	slot
Edit Copy Delete	1	8.30 am - 10.30 am
Edit Copy Delete	2	10.30 am - 12.30 pm
Edit Copy Delete	3	1.30 pm - 3.30 pm
Edit Copy Delete	4	3.30 am - 5.30 pm

Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

4. Create new table, name 'subjectlist' with following columns.



Lab Exercise 08 – Database handling using PHP and MYSQL

(id, subject_code, subject_name, day_id, time_id, lecturer, location)

Name	Type	Length/Values	Default	Collation	Attributes	Null	Index	Comments
id	INT		None				PRIMARY	
subject_code	VARCHAR	150	None					
subject_name	VARCHAR	200	None					
day_id	INT		None					
time_id	INT		None					
lecturer	VARCHAR		None					
location	VARCHAR		None					

localhost/phpmyadmin/tbl_structure.php?db=timetable&table=subjectlist

Server: 127.0.0.1 » Database: timetable » Table: subjectlist

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change
2	subject_code	varchar(50)	latin1_swedish_ci		No	None			Change
3	subject_name	varchar(150)	latin1_swedish_ci		No	None			Change
4	day_id	int(11)			No	None			Change
5	time_id	int(11)			No	None			Change
6	lecturer	varchar(150)	latin1_swedish_ci		No	None			Change
7	location	varchar(150)	latin1_swedish_ci		No	None			Change

Check all With selected: Browse Change Drop Primary Unique Index Fulltext

Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after location Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit	PRIMARY	BTREE	Yes	No	id	7	A	No	

Create an index on 1 columns Go

Partitions

Console



Lab Exercise 08 – Database handling using PHP and MYSQL

Exercise 02

- Let's create an online dynamic timetable. You are given set of codes. Edit your config.php add make a db connection.
- "Input.php" is where you get user inputs and insert them into the table, 'studentlist' that your created earlier. First you need to get weekdays and time slots into given dropdowns.
- Every place it mention as TODO you need to add required codes and then uncomment the rest php codes.
- Once you've completed it ,you can add subjects through that , add (4 subject to each day)
- Timetable.php is the file which displays your time table like below. Under each TODO comments you should add codes, then uncomment the rest php codes and <http://localhost/timetable/timeTable.php> . Check.

My Time Table 2018 - semester 2

Monday	IWT-IT1100 internet and web Technology A502 Mr.jagath Wickramaratne 8.30 am - 10.30 am	SPM-IT1060 Software Process Modeling B501 Dr. Pradeepa Samarasinghe 10.30 am - 12.30 pm	OOC-IT1050 Object Oriented Concepts (Lec_Audi) Mr. Nuwan Kodagoda 1.30 pm - 3.30 pm
Tuesday	IWT-IT1100 (lab) internet and web Technology A402 Ms Poornima 8.30 am - 10.30 am	SPM-IT1060 (Tute) Software Process Modeling A720-PClab Ms. Samantha Siriwardene 10.30 am - 12.30 pm	
Wednesday	IWT-IT1100 (lab) internet and web Technology A502 Ms Amali 8.30 am - 10.30 am		
Thursday			
Friday			