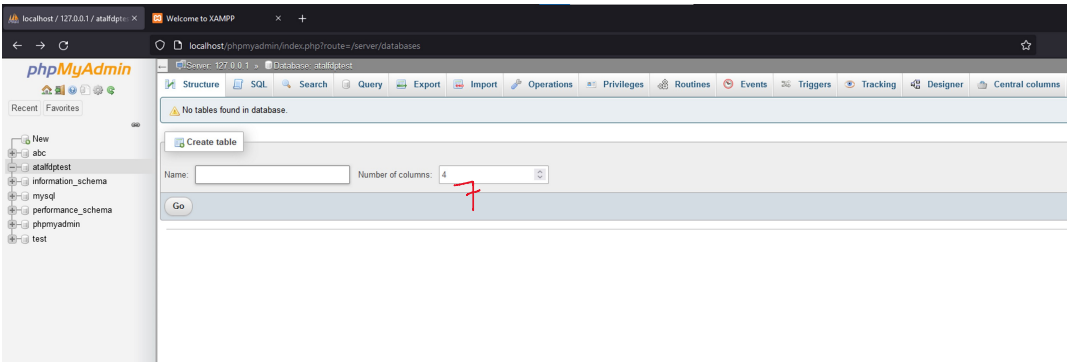


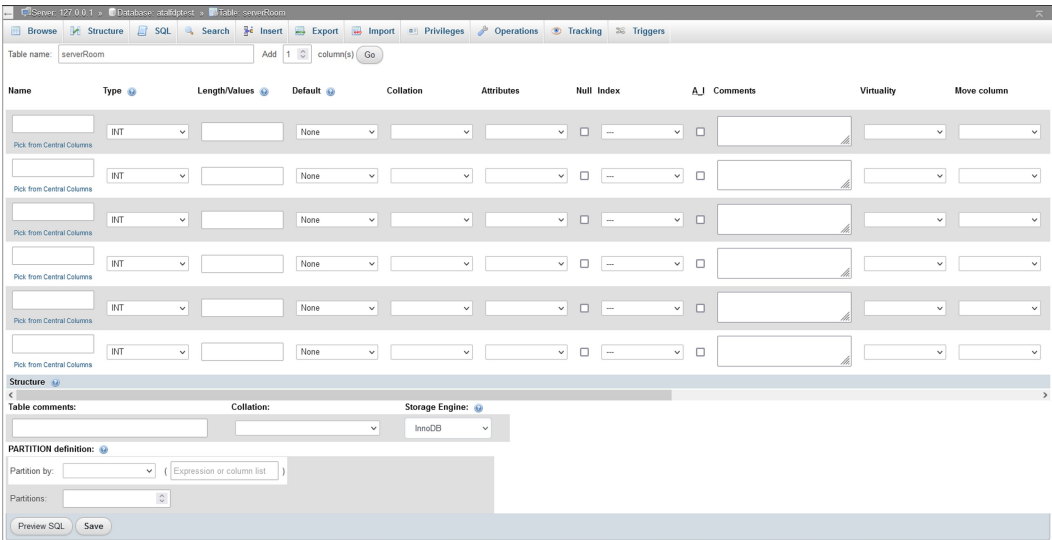
Being a beginners class, we'll stick to the default settings.

Lets assign an appropriate name to our Database.



You'll then be prompted for table name and number of columns.

We'll Select 6.



Next is assigning attribute details.

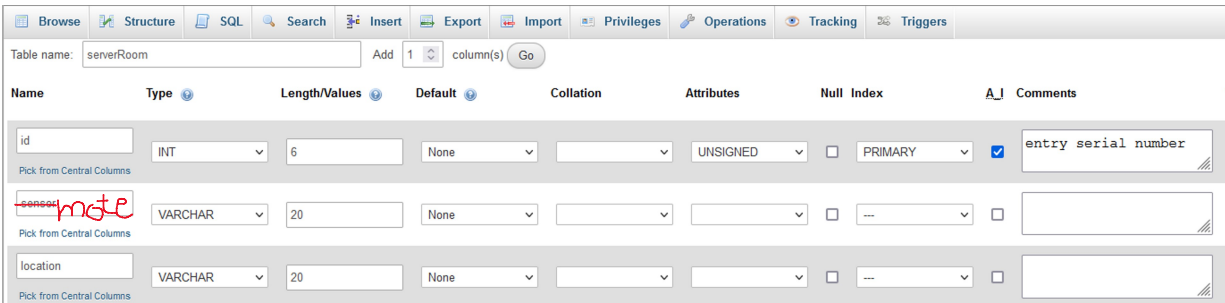


Table name: serverRoom Add 1 column(s) Go

Name	Type	Length/Values	Default	Collation	Attributes	Null	Index	Comments
id	INT	6	None		UNSIGNED	<input type="checkbox"/>	PRIMARY	entry serial number
sensor mote	VARCHAR	20	None			<input type="checkbox"/>		
location	VARCHAR	20	None			<input type="checkbox"/>		
temperature	INT float		None			<input checked="" type="checkbox"/>		
humidity	INT float		None			<input checked="" type="checkbox"/>		
doorStatus	BOOLEAN		None			<input checked="" type="checkbox"/>		
readingTime	TIMESTAMP		CURRENT_TIMESTAMP		on update CURRENT_TIMESTAMP	<input type="checkbox"/>		

```
CREATE TABLE `ataldptest`.`serverroom` (
  `id` INT(6) UNSIGNED NOT NULL AUTO INCREMENT COMMENT 'entry serial number',
  `mote` VARCHAR(20) NOT NULL,
  `location` VARCHAR(20) NOT NULL,
  `temperature` FLOAT NULL,
  `humidity` FLOAT NULL,
  `doorStatus` BOOLEAN NULL,
  `readingTime` TIMESTAMP on update CURRENT_TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP,
  PRIMARY KEY (`id`)
) ENGINE = InnoDB;
```

Insert a few samples into database to test.

Server: 127.0.0.1 Database: ataldptest Table: serverroom

Column	Type	Function	Null	Value
id	int(6) unsigned		<input type="checkbox"/>	
mote	varchar(20)		<input type="checkbox"/>	esp
location	varchar(20)		<input type="checkbox"/>	318(a)
temperature	float		<input type="checkbox"/>	31.5
humidity	float		<input type="checkbox"/>	70.4
doorStatus	tinyint(1)		<input checked="" type="checkbox"/>	1
readingTime	timestamp		<input type="checkbox"/>	current_timestamp()

```
INSERT INTO `serverroom` (`id`, `mote`, `location`, `temperature`, `humidity`, `doorStatus`, `readingTime`) VALUES (NULL, 'esp', '318(a)', '31.5', '70.4', '1', current_timestamp());
```

Also get PHP code: \$sql = "INSERT INTO `serverroom` (`id`, `mote`, `location`, `temperature`, `humidity`, `doorStatus`, `readingTime`) VALUES (NULL, 'esp', '318(a)', '31.5', '70.4', '1', current_timestamp());";

Browse the Database

Server: 127.0.0.1 Database: ataldptest Table: serverroom