

- Install CI

Today's Task

1. First practice few warm up coding activities:

Write all the functionalities in one controller class except the step a. Pick suitable names for functions. Keep a screenshot for each step. In the end you have submit the code and the screenshots.

- a. Your default controller should output the text “Hi I am the default controller”. Load default controller in the browser. **Keep a screenshot.**
- b. Then write a controller which can catch two parameters from the URL and display the sum of those parameters. Pass 10 and 15 as the parameters and browser should show “sum of your numbers is 25”. **Keep a screenshot.**
- c. Write a controller class which take 4 parameters and call it with only 3 parameters. There will be an error message. **Keep a screenshot.**

Let's deal with Views.

- d. Write a simple view which says “Hi I am the simple view”. Write a function to call that view. Test it on browser. **Keep a screenshot.**
- e. Write a controller which capture a parameter and sends it to the view and then view displays it on the browser. It should say “I am the view and I got the parameter: *'passed value'*”. **Keep a screenshot.**

Let's deal with models.

- f. Write a model class which send hardcoded data; an array which outputs few names. Try do display it on the browser using a view. **Keep a screenshot.**

2. Let's try some complex work with database.

Keep a screenshot for each step. In the end you have submit the code and the screenshots.

- a. You have to create a database with two tables (Related your group assignment or something you submitted for the php assignment will ease your work). Configure CI to connect to your database. Use both manual and autoconnect ways to connect to database. Evidence should be there that you used both ways. Then you may switch to one way which is more convenient.
- b. Then using CI you have to display all the fields in one table in the database using a loop.
- c. Then you have to display few selected fields from another table and you should display it in a tabular format using tables. **Use active record class for do that.**
- d. Then you have to display few selected fields according to a condition (minimum;maximum;above some value etc.)

3. Submission:

- a. All the code segments and the screenshots should be submitted as report. Please name screenshots according to the index given above. (Task1(a), Task2(C) etc.) Please upload low resolution screenshots.