

CPS630

LAB 4

Due: March 23rd @ 23:00PM.

Create an interactive **Angular(version 4+)** Todo app. The Todo app must allow user to add/remove task, & notify user of error(ie: error handling connection error, can't find list etc..). May use Bootstrap for UI.

Submit complete project file that is zip. Make sure your project can simply run with 'ng serve --open' command.

Features:

- Todo app starts with a set of tasks.

- The app will load(via default, user input/drag and drop) json list title 'todo.json' of (several)tasks.

User Add task todo list (title and description)

User Delete task from todo list.

Complete task: user check marked complete task

All addition and deletion of task will require updating the todo.json file.

Remove duplicate task(s) with 'custom filter': if your input a 'task' that is already on the todo list (notify user it is already on the list)

Create a data 'model' which your custom component use

Create at least one custom component:

- display the task
- Remove completed tasks (check marked) and display onto a separate complete list.

Use json structure provided in page 2.



Resources:

<https://angular.io/guide/forms>

//todo.json file

```
{
  todo[
    {
      task: 'title of task',
      complete: false, // Boolean complete status
      description: "description of the task"
    },
    ..
  ]
}
```

A suggested modular template

My task		
My Task description		