

# Completion Task:

## Section 1

Create a directory with the name “test\_folder” and populate it with some text files. The text files can be of your choice.

Write a bash script that polls “test\_folder”. The script should perform following actions whenever there is a change in the content of the directory.

1. The scripts should poll the directory after every three minutes and check if there is any change.
2. If there is any change, the scripts should send email to the “root” user. (Hint: Email server needs to be set up on the machine to accomplish this step.)

**Milestone 1:** Create a directory “test\_folder” on the machine and send email to the root user whenever there is a change in the content of the directory. Show/send the complete Section 1 to your team lead along with the git repository.

## Section 2

Update the bash script from milestone 1 to do the following tasks as well:

Check if the web server is installed on the system or not.

Install and configure a web server on the system if it was not installed.

Add/update an HTML page which shows the latest change in the contents of the directory “test\_folder”. The page should print something like this.

test\_folder latest change [name of the file that modified] at time [hh:mm:ss].

### **Milestone 2:**

Show the output of the web page, updated shell script.