

Ex - 02

1500

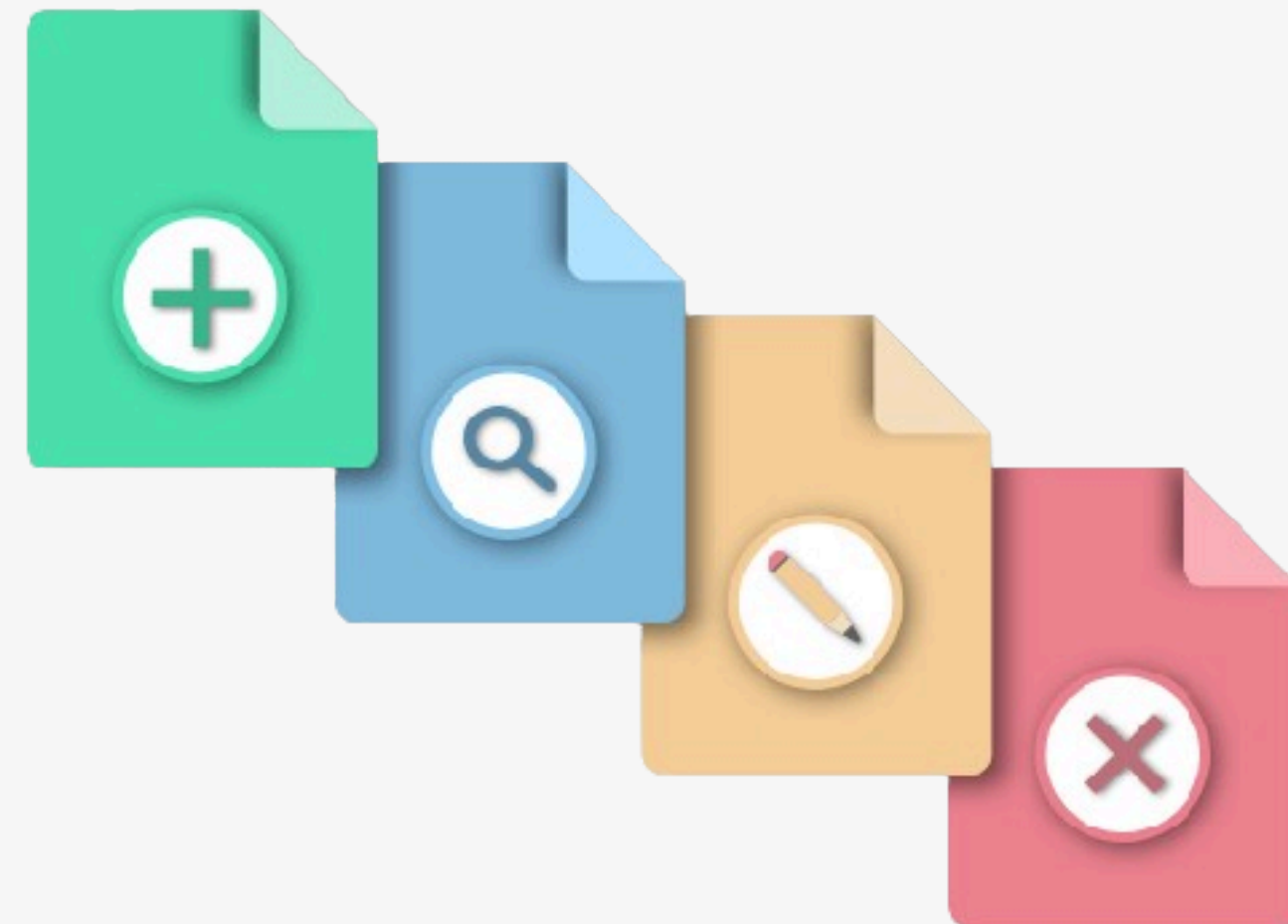
After any exercise, attach the commands' screenshots related to the exercise.

$$6*100 = 600$$

1. File and Folder manipulation in Linux.

Do the following steps, in order.

- a. Create 2 directories, directory_01 and directory_02.
- b. Create 2 files (file_01.txt, file_02.txt) in directory_01 and Create 2 files (file_03.txt, file_04.txt) in directory_02, also.
- c. Copy file_01.txt in to directory_02.
- d. Cut file_03.txt from directory_02 in to directory_01.
- e. Remove file_02.txt from directory_01.
- f. Rename file_04.txt to renamed_file_04.txt



$$6*150 = 900$$

2. ML Model Deployment on the Ubuntu Server.

Do the following steps in order and attach screenshots and related file to the answer sheet)

- Design and Train a desired ML Model using sci-kit learn. (attach the code file to the answer sheet.)
- Save the model using joblib.
- Transfer the model in to the Server using **SFTP** Protocol.
- Create and Activate a Virtual Environment in your server
- Install your ML requirements.
- Execute ML model inference file and input a sample data and print the output.

