

Python

Home Assignment

**INSTRUCTIONS**

1. **Create separate jupyter notebook for each exercise.**
2. **Use Comments for better understanding of code.**
3. **Upload the exercise.ipynb file on the “360LMS” portal with exercise number e.g., exercise1.ipynb, exercise2.ipynb, etc.**
4. **For exercise 3 download record.txt file from portal along with this home assignment.**
5. **Please make sure that it’s NOT copied or plagiarised from other participant answers.**

**Exercise 1**

**Make a two-player Rock-Paper-Scissors game:-**

**Instructions:-**

1. Ask for name of the players who are playing (using input)
2. Compare them
3. Print out a message of congratulations to the winner.

**Exercise 2**

Generate a random number between 1 and 9 (including 1 and 9). Ask the user to guess the number, then tell them whether they guessed too low, too high, or exactly right.

**Exercise 3**

Given a .txt file that has a list of a bunch of records and the record looks like this:

**agent-2030-1517462070-2038-preview\_Cross\_Sales-2018\_02\_01\_10\_44\_30-9999999910.mp3**

This record consist of date, time and phone number of a customer.

Date –> 2018\_02\_01

Time –> 10\_44\_30

Phone No -> 9999999910

**Instructions:-**

1. Read the text file.
2. Filter records on the basis of date, time, and phone number.
3. Write filtered records in new text file.
4. Print filtered records.