

Assignment Day 1 | 6th November 2020

For any doubts regarding the assignment, ask questions in the [Data Science 101 B1](#) Group in the Community.

Submit Assignments by **16th November 2020 11:59 PM.**

Assignment Submit Form : <https://letsupgrade.in/ds101submission>

Submit assignments in Appropriate Dropdowns.

Questions 1:

Given the following jumbled word, OBANWRI guess the correct English word.

- A. RANIBOW
- B. RAINBOW
- C. BOWRANI
- D. ROBWANI

Questions 2:

Write a program which prints "LETS UPGRADE". (Please note that you have to print in ALL CAPS as given)

Questions 3:

Write a program that takes cost price and selling price as input and displays whether the transaction is a Profit or a Loss or Neither.

INPUT FORMAT

The first line contains the cost price.

The second line contains the selling price.

OUTPUT FORMAT

Print "Profit" if the transaction is a profit or "Loss" if it is a loss. If it is neither profit nor loss, print "Neither". (You must not have quotes in your output)

NOTE:

Please stick to the input and output format. Don't add anything extra like 'Enter cost price', 'Enter selling price', etc.

Sample Test Cases

| | Input | Output |
|-------------|----------|---------|
| Test Case 1 | 20 30 | Profit |
| Test Case 2 | 20 10 | Loss |
| Test Case 3 | 20 20 | Neither |
| Test Case 4 | 19 19 | Neither |
| Test Case 5 | 23 7 | Loss |
| Test Case 6 | 19 95 | Profit |

Questions 4:

Write a program that takes an amount in Indian Rupees as input. You need to find its equivalent in Euro and display it. Assume 1 Euro equals Rs. 80.

Please note that you are expected to stick to the given input and output format as in sample test cases. Please don't add any extra lines such as 'Enter a number', etc.

Your program should take only one number as input and display the output.

Sample Test Cases

| | Input | Output |
|-------------|--------------|---------------|
| Test Case 1 | 20 | 1600 |
| Test Case 2 | 50 | 4000 |
| Test Case 3 | 72 | 5760 |
| Test Case 4 | 7 | 560 |
| Test Case 5 | 35 | 2800 |
| Test Case 6 | 23 | 1840 |
| Test Case 7 | 95 | 7600 |
| Test Case 8 | 18 | 1440 |

FAQs

Q. How to upload a jupyter notebook as a part of an assignment?

- A. 1. Click "File" option in notebook
- 2. Go to "Download As" -> "Notebook(.ipynb)"
- 3. Upload the downloaded .ipynb file to github and share the link in google form.

Q. When do I submit the Assignments and how?

- A. The assignments for the week should be submitted by 16th November, Monday 11:59 PM IST.
You can use Jupyter Notebook or python files or even Google Colab to Solve your Assignments

Q. Where do I get class links for next session?

- A. All sessions will be Live on our Youtube Channel. It will be also updated in the Community Group in the pinned post.

Q. I have some doubt, whom do I ask?

- A. Post your Queries on the community, someone will help you out.

Q. *Sir don't have anaconda so how can I solve the assignment ?*

- A. Use Google Colab : [Click me](#)

Q. Can we submit multiple .py or .ipynb assignment solution files for each question separately?

- A. Solve all assignments for a day in a single notebook. Make sure you are submitting a single file.