

Assignment Day 6 | 7th September 2020

For any doubts regarding the assignment, ask questions in the AI/ML Batch Group in the Community.

Submit Assignments by **13th September 2020 at 11:59 PM.**

Assignment Submit Form: <https://forms.gle/QJCB5q2yCv1NtpNn8>

Submit assignments in Appropriate Dropdowns.

Question 1 :

Assuming that we have some email addresses in the "username@companyname.com" format, please write a program to print the company name of a given email address. Both user names and company names are composed of letters only.

Input Format:

The first line of the input contains an email address.

Output Format:

Print the company name in a single line.

Example;

Input:

john@google.com

Output:

google.

Question 2 :

Write a program that accepts a comma-separated sequence of words as input and prints the words in a comma-separated sequence after sorting them alphabetically.

Input Format:

The first line of input contains words separated by the comma.

Output Format:

Print the sorted words separated by the comma.

Example:

Input:

without,hello,bag,world

Output:

bag,hello,without,world

Question 3:

Create your own Jupyter Notebook for Sets. Reference link:

https://www.w3schools.com/python/python_sets.asp

Question 4:

Given a list of $n-1$ numbers ranging from 1 to n , your task is to find the missing number. There are no duplicates.

Input Format:

The first line contains $n-1$ numbers with each number separated by a space.

Output Format:

Print the missing number

Example:

Input:

1 2 4 6 3 7 8

Output:

5

Explanation:

In the above list of numbers 5 is missing and hence 5 is the input

Question 5:

With a given list L , write a program to print this list L after removing all duplicate values with original order reserved.

Example:

If the input list is

12 24 35 24 88 120 155 88 120 155

Then the output should be

12 24 35 88 120 155

Explanation:

Third, the seventh and ninth element of the list L has been removed because it was already present.

Input Format:

In one line take the elements of the list L with each element separated by a space.

Output Format:

Print the elements of the modified list in one line with each element separated by a space.

Example:

Input:

12 24 35 24

Output:

12 24 35

FAQs

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

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

Q. When do I submit the Assignments and how?

- A. The assignments for the week should be submitted by weekend i.e. Sunday 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 the next session?

- A. All sessions will be Live on the Learning Management System. It will be also updated in the Community Group in the pinned post.
- B.

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

- A. (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.

Q. How can we know if my assignment is verified or not? And is it successfully submitted or not?

- A. You will receive a mail for your successful submission.



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