

## Assignment Day 6 | 14th July 2020

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

Submit Assignments by **19th July 2020 11:59 PM.**

Assignment Submit Form : <https://bit.ly/aimlassignment>

**Submit assignments in Appropriate Dropdowns.**

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### Question 1:

Assuming that we have some email addresses in the "username@companyname.com" format, please write 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 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](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, 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

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## FAQs

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### **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 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 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, whom do I ask?**

- A. (a) Post your Queries on the community, someone will help you out.
- (b) We have a discussion group which you can access by Joining LetsUpgrade AIML Telegram Channel. Link will be in a pinned post in the AI ML Community Group.

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

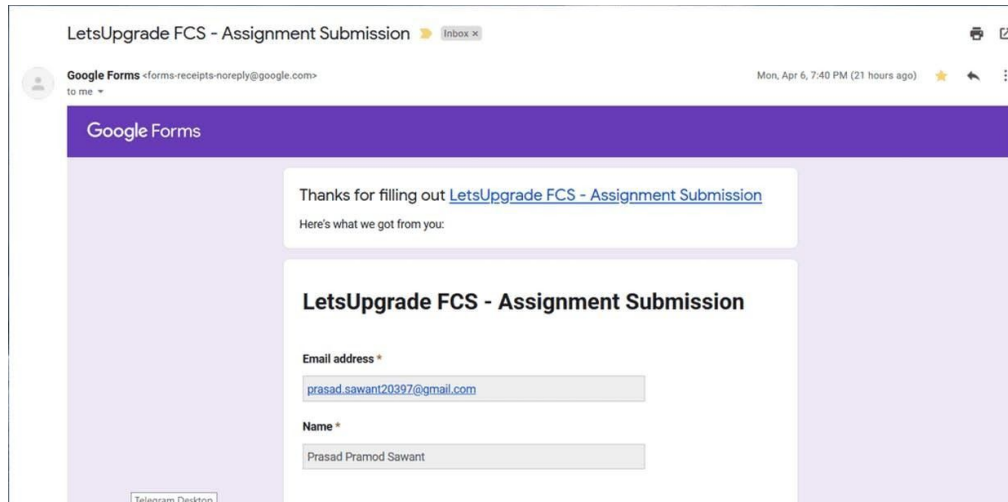
- A. Use Google Colab : [Click me](#)

### **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. You will get a mail like this:



The image shows a screenshot of an email received from Google Forms. The email header indicates it is from 'Google Forms <forms-receipts-noreply@google.com>' to 'me' on Monday, April 6, 7:40 PM (21 hours ago). The email body features a purple header with the text 'Google Forms'. Below this, a message states: 'Thanks for filling out [LetsUpgrade FCS - Assignment Submission](#). Here's what we got from you:'. This is followed by a section titled 'LetsUpgrade FCS - Assignment Submission' which displays the submitted information: 'Email address \*' as 'prasad\_sawant20397@gmail.com' and 'Name \*' as 'Prasad Pramod Sawant'. A small 'Telegram Channel' link is visible at the bottom left of the email content area.