

## Assignment Day 4 | 9th 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 **12th July 2020 11:59 PM.**

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

**Submit assignments in Appropriate Dropdowns.**

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### Question 1 :

Research on whether addition, subtraction, multiplication, division, floor division and modulo operations be performed on complex numbers. Based on your study, implement a Python program to demonstrate these operations.

### Question 2 :

Research on range() functions and its parameters. Create a markdown cell and write in your own words (no copy-paste from google please) what you understand about it. Implement a small program of your choice on the same.

### Question 3:

Consider two numbers. Perform their subtraction and if the result of subtraction is greater than 25, print their multiplication result else print their division result.

### Question 4:

Consider a list of 10 elements of integer values. If the number in the list is divisible by 2, print the result as "square of that number minus 2".

### Question 5:

Consider a list of 10 elements. Print all the elements in the list which are greater than 7 when that number is divided 2.

## 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:

LetsUpgrade FCS - Assignment Submission Inbox x

Google Forms <forms-receipts-noreply@google.com>  
to me Mon, Apr 6, 7:40 PM (21 hours ago) ★ ↶ ⋮

Google Forms

Thanks for filling out [LetsUpgrade FCS - Assignment Submission](#)  
Here's what we got from you:

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