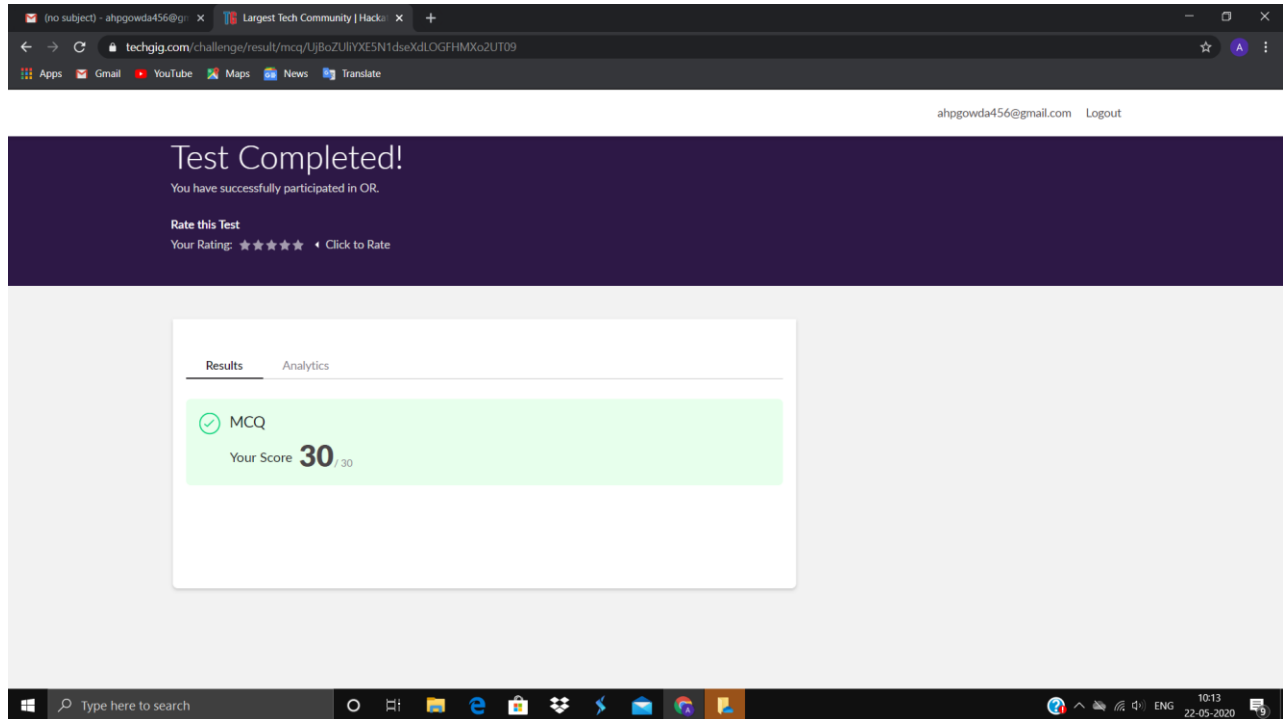


## **DAILY ONLINE ACTIVITIES**

### **SUMMARY**

<b>Date:</b>	22-05-2020		<b>Name:</b>	Apoorva H P	
<b>Sem &amp; Sec</b>	VI A		<b>USN:</b>	4AL17CS011	
<b>Online Test Summary</b>					
<b>Subject</b>	OR IA Test				
<b>Max. Marks</b>	30		<b>Score</b>	30	
<b>Certification Course Summary</b>					
<b>Course</b>	Python for Machine learning				
<b>Certificate Provider</b>	Great Learning		<b>Duration</b>	5hr	
<b>Coding Challenges</b>					
<b>Problem Statement:</b>  1. Python program to print all Prime numbers in an Interval. Given two positive integers start and end. The task is to write a Python program to print all Prime numbers in an Interval.  2. Python Program to find sum of array. Given an array of integers (take input from keyboard), find sum of its elements					
<b>Status: Completed</b>					
<b>Uploaded the report in GitHub</b>			<b>Yes</b>		
<b>If yes Repository name</b>			<a href="https://github.com/ashaapoorva/online-coding-and-certification-course">https://github.com/ashaapoorva/online-coding-and-certification-course</a>		
<b>Uploaded the report in slack</b>			<b>Yes</b>		

## Online test Detail:



## Online Certification Details

Modules completed:

- Pandas Introduction-4
- Pandas-Series and Dataframes-4
- Pandas-Accessing and modifying-4

Python for Machine Learning - G

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▶ Saving & loading NumPy Arrays

9m

📄 numpy\_examples.ipynb

Pandas and its functions

▶ Pandas - Introduction-4

6m

✓

▶ Pandas - Series and Dataframes-4

14m

✓

▶ Pandas - Accessing and modifying-4

16m

✓

▶ Pandas - Combining Dataframes-4

25m

▶ Pandas - Functions-4

22m

▶ Pandas - Saving and Loading dataframes-4

11m

📄 pandas\_example.ipynb

📄

Python - Functions, Objects and Classes

▶ User Defined Functions

21m

^

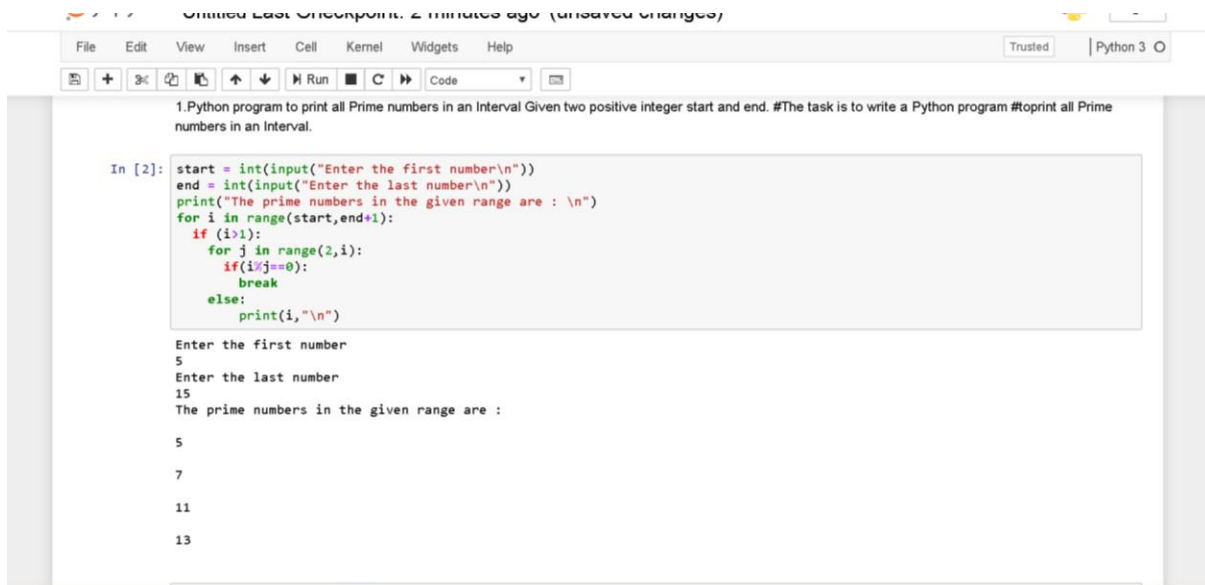
Apoorva H P  
ahpgowda456@gmail.com

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# Coding Challenge Details

1. Python program to print all Prime numbers in an Interval. Given two positive integer start and end. The task is to write a Python program to print all Prime numbers in an Interval.



A screenshot of a Jupyter Notebook interface. The title bar says "Untitled Last Checkpoint: 2 minutes ago (unsaved changes)". The menu bar includes File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. The toolbar shows icons for file operations, running, and code execution. The code cell contains a Python program to find prime numbers in a given range. The output shows the program's execution with user input for start and end values, and the resulting prime numbers.

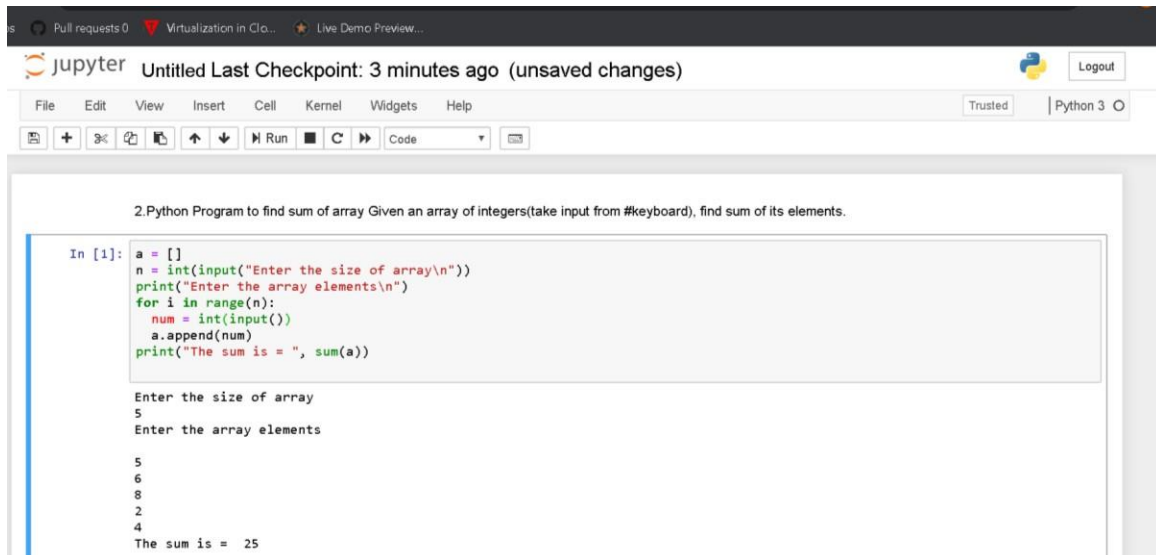
```
1. Python program to print all Prime numbers in an Interval Given two positive integer start and end. #The task is to write a Python program #to print all Prime numbers in an Interval.
```

```
In [2]: start = int(input("Enter the first number\n"))
end = int(input("Enter the last number\n"))
print("The prime numbers in the given range are : \n")
for i in range(start,end+1):
    if (i>1):
        for j in range(2,i):
            if(i%j==0):
                break
            else:
                print(i,"\n")
```

```
Enter the first number
5
Enter the last number
15
The prime numbers in the given range are :

5
7
11
13
```

2. Python Program to find sum of array. Given an array of integers (take input from #keyboard), find sum of its elements.



A screenshot of a Jupyter Notebook interface. The title bar says "Untitled Last Checkpoint: 3 minutes ago (unsaved changes)". The menu bar includes File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. The toolbar shows icons for file operations, running, and code execution. The code cell contains a Python program to find the sum of an array. The output shows the program's execution with user input for the size of the array and the array elements, and the resulting sum.

```
2. Python Program to find sum of array Given an array of integers (take input from #keyboard), find sum of its elements.
```

```
In [1]: a = []
n = int(input("Enter the size of array\n"))
print("Enter the array elements\n")
for i in range(n):
    num = int(input())
    a.append(num)
print("The sum is = ", sum(a))
```

```
Enter the size of array
5
Enter the array elements

5
6
8
2
4
The sum is = 25
```

