



DAILY ONLINE ACTIVITIES SUMMARY

Date:	10-07-2020	Name:	Chethana j
Sem & Sec	VI Sem A	USN:	4AL17CS022
Pre-placement Training Summary			
Subject			
Max. Marks	-	Score	-
Online Certification Summary			
Course	Python Data Structures		
Certificate Provider	Coursera	Duration	1 week
Coding Challenges			
1. Problem Statement: 1. Python Program for Efficient program to print all prime factors of a given number.			
Status:Completed			
Uploaded the report in Github		Yes	
If yes Repository name		https://github.com/Jchethana1990/online-course https://github.com/Jchethana1990/Machine-learning-workshop	
Uploaded the report in slack		Yes	

Online Certification Details:

coursera |  | 

Python Data Structures > Week 1 > Worked Exercise: 6.5


Welcome


Materials

Lecture materials


Review: Chapter 6


Assignment: Chapter 6


 Graded External Tool: Assignment 6.5 1h

 Video: Worked Exercise: 6.5 8 min

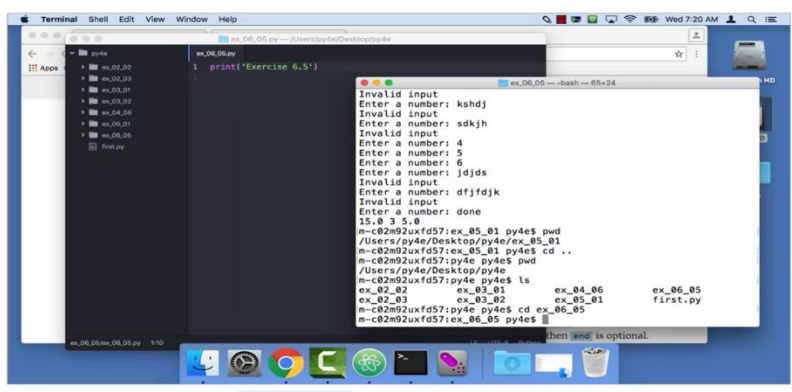
Bonus: Chapter 6

 Video: Bonus: Office Hours New York City 2 min

 Video: Bonus: Monash Museum of Computing History 7 min

 Video: Fun: The Textbook Authors Meet @PyCon

Worked Exercise: 6.5



Save Note Discuss Download

Coding Challenges Details:

2. Python Program for Efficient program to print all prime factors of a given number.

```
n=int(input("Enter an integer:"))
```

```
print("Factors are:")
```

```
i=1
```

```
while(i<=n):
```

```
    k=0
```

```
    if(n%i==0):
```

```
        j=1
```

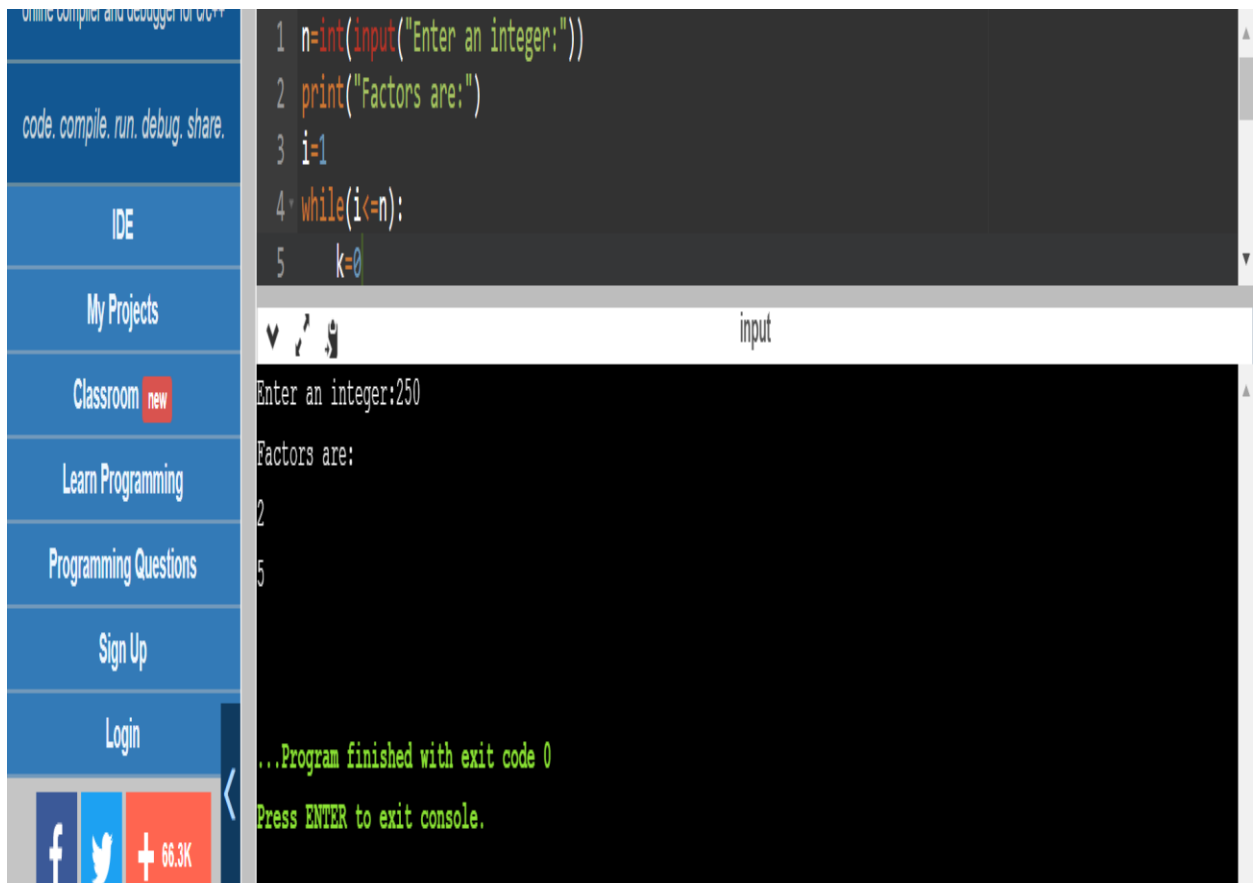
```
        while(j<=i):
```

```
            if(i%j==0):
```

```
                k=k+1
```

```
        j=j+1
    if(k==2):
        print(i)
    i=i+1
```

OUTPUT



The screenshot shows an online Python IDE interface. On the left is a sidebar with navigation links: 'code, compile, run, debug, share.', 'IDE', 'My Projects', 'Classroom' (with a 'new' badge), 'Learn Programming', 'Programming Questions', 'Sign Up', and 'Login'. At the bottom of the sidebar are social media icons for Facebook and Twitter, and a red button with a plus sign and '66.3K'. The main area is split into two panels. The top panel, titled 'input', contains the following Python code:

```
1 n=int(input("Enter an integer:"))
2 print("Factors are:")
3 i=1
4 while(i<=n):
5     k=0
```

The bottom panel shows the program's execution output:

```
Enter an integer:250
Factors are:
2
5
...Program finished with exit code 0
Press ENTER to exit console.
```