

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	03/06/2020	Name:	Chethana j
Sem & Sec	6 <sup>th</sup> A	USN:	4al17cs022
<b>Online Test Summary</b>			
Subject	PAP Assignment test		
Max. Marks	20	Score	17
<b>Certification Course Summary</b>			
Course	Machine Learning Foundation		
Certificate Provider	Great Learning	Duration	6hrs.
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1. Take a list of length 3 containing integers, find out which is larger, first or last one and set all the elements in the list to be that value. Print the updated list  2. Python program to print prime numbers in the given range			
Status: Completed			
Uploaded the report in Github		yes	
If yes Repository name		<a href="https://github.com/Jchethana1990/online-course">https://github.com/Jchethana1990/online-course</a>	
Uploaded the report in slack		yes	

**Online Test Details:**

techgig.com/challenge/result/round-1/emZ2QTJQK2ZISGdVTzRvY0NEK0pIQT09

chethanajgowda@gmail.com Logout

## Test Completed!

You have successfully participated in PAP Assignment 1.

Rate this Test  
Your Rating: ★★★★★ Click to Rate

Results Analytics

Round 1

Your Score **17** / 20

Type here to search

ENG 13:31  
INTL 03-06-2020

## Certification Course Details:

### Today I coved :

Logical Regression

Setting up threshold

Performance measure precision & Recall

Machine Learning Foundations - x

olympus.greatlearning.in/courses/10902

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Reference Materials & Links

Introduction to Machine Learning.pdf

Logistic Regression

▶ Logistic Regression	44m	○
▶ Setting up Threshold	10m	○
▶ Performance Measures - Precision and Recall	19m	○
▶ Evaluation of Models	25m	○
▶ Hands on- Logistic Regression	18m	○
▶ Logistic Regression.ipynb		↓
▶ pima-indians-diabetes.csv		↓

Week 2 - Additional/Optional Videos

https://olympus.greatlearning.in/courses/10902/pages/evaluation-of-models?module\_item\_id=445001

Type here to search

ENG 17:23  
INTL 03-06-2020

Performance Measures - Precision and Recall

olympus.greatlearning.in/courses/10902/pages/performance-measures-precision-and-recall?module\_item\_id=445000

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Courses / Machine Learning Foundations / Performance Measures - Precision and Recall

Content

- Machine Learning Overview
- Course Overview
- Math Basics for Machine Learning
- Intro to Supervised Learning: Linear Regression
- Logistic Regression
  - Logistic Regression
  - Setting up Threshold
  - Performance Measures - Precision and Recall
  - Evaluation of Models

Performance Measures - Precision and Recall

1. Confusion Matrix

2. Example

3. Recall

4. Precision

5. Summary

Handwritten notes on a whiteboard:

labeled all as Not a terrorist

1 Billion

10 ter.

Confusion Matrix:

	P	N
P	0	0
N	10	$10^9 - 10$

Recall =  $\frac{10^9 - 10}{10^9}$

$1 - 10^{-9}$

99.999999%

## Coding Challenges Details:

**Program1: Take a list of length 3 containing integers, find out which is larger, first or last one and set all the elements in the list to be that value. Print the updated list""**

Machine Learning Foundations - Online Python Compiler - online

onlinegdb.com/online\_python\_compiler

OnlineGDB beta

online compiler and debugger for c/c++

code compile run debug share

IDE

My Projects

Classroom new

Learn Programming

Programming Questions

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The Ruby Blend Podcast Episode #14 "BridgetownRB, RailsBytes, & AppLocale" ads served ethically

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Waiting for va.tawk.to...

main.py

```

1 l = [1,2,3]
2 l1 = []
3 n = max(l[0],l[-1])
4 for i in range(len(l)):
5     l1.append(n)
6     print(l1)
7
8

```

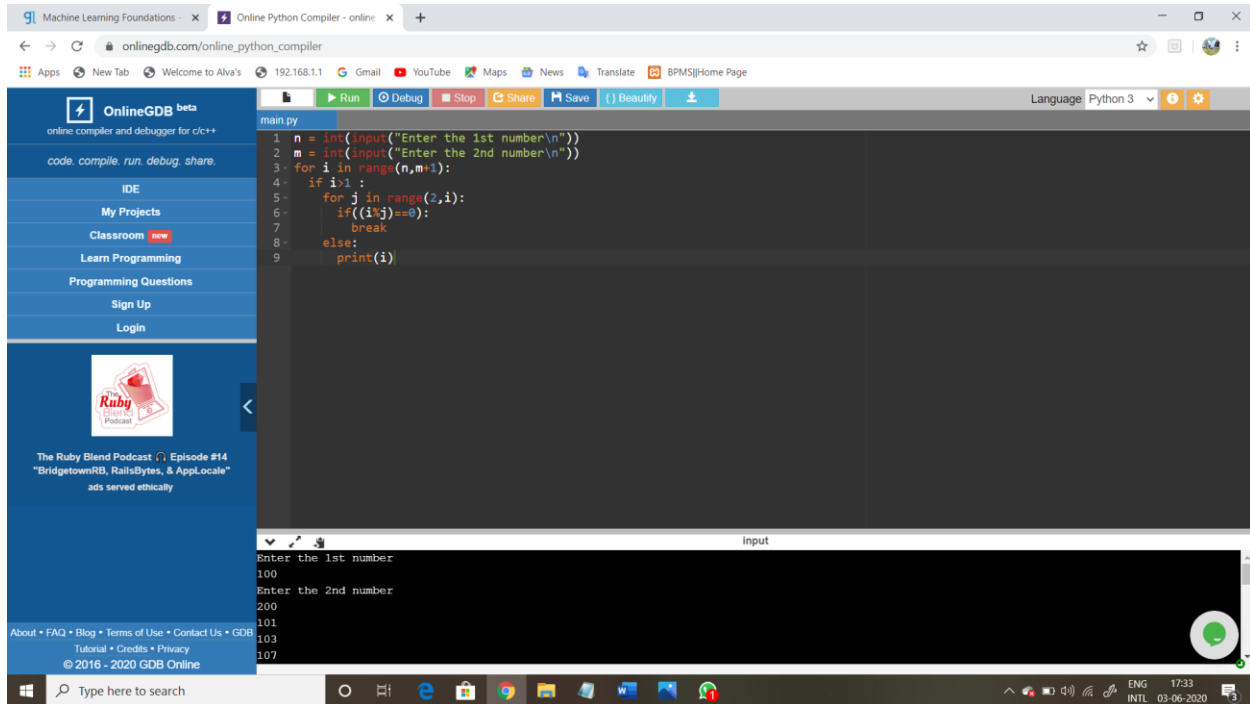
input

[3, 3, 3]

...Program finished with exit code 0

Press ENTER to exit console.

## Program2: Python program to print prime numbers in the given range



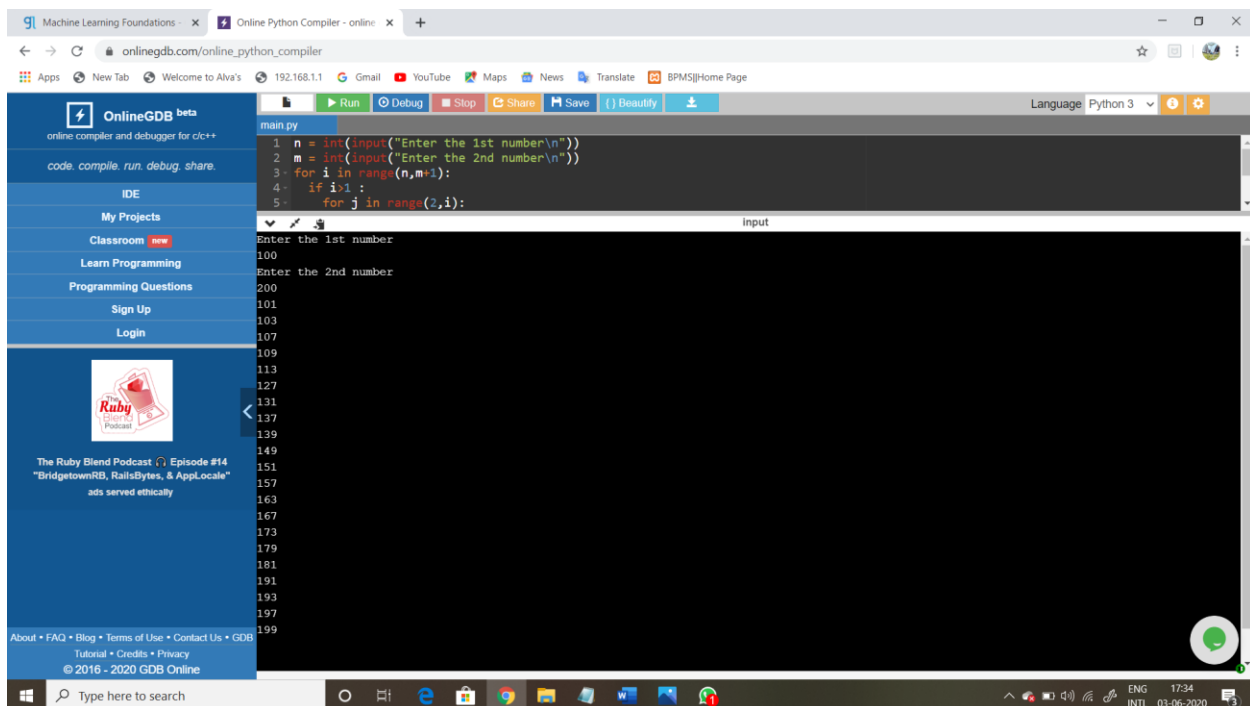
The screenshot shows the OnlineGDB Python compiler interface. The left sidebar contains navigation links: IDE, My Projects, Classroom (new), Learn Programming, Programming Questions, Sign Up, and Login. Below these is a Ruby Blend Podcast advertisement. The main editor area displays a Python program named 'main.py' with the following code:

```
1 n = int(input("Enter the 1st number\n"))
2 m = int(input("Enter the 2nd number\n"))
3 for i in range(n,m+1):
4     if i < 1:
5         for j in range(2,i):
6             if ((i%j)==0):
7                 break
8     else:
9         print(i)
```

The output window shows the program's execution with the following input and output:

```
input
Enter the 1st number
100
Enter the 2nd number
200
101
103
107
```

The Windows taskbar at the bottom shows the system clock as 17:33 on 03-06-2020.



This screenshot shows the same OnlineGDB Python compiler interface as the first screenshot. The code in the editor is identical. However, the output window shows a different set of results, indicating a different range of numbers was entered:

```
input
Enter the 1st number
100
Enter the 2nd number
200
101
103
107
109
113
127
131
137
139
149
151
157
163
167
173
179
181
191
193
197
199
```

The Windows taskbar at the bottom shows the system clock as 17:34 on 03-06-2020.

