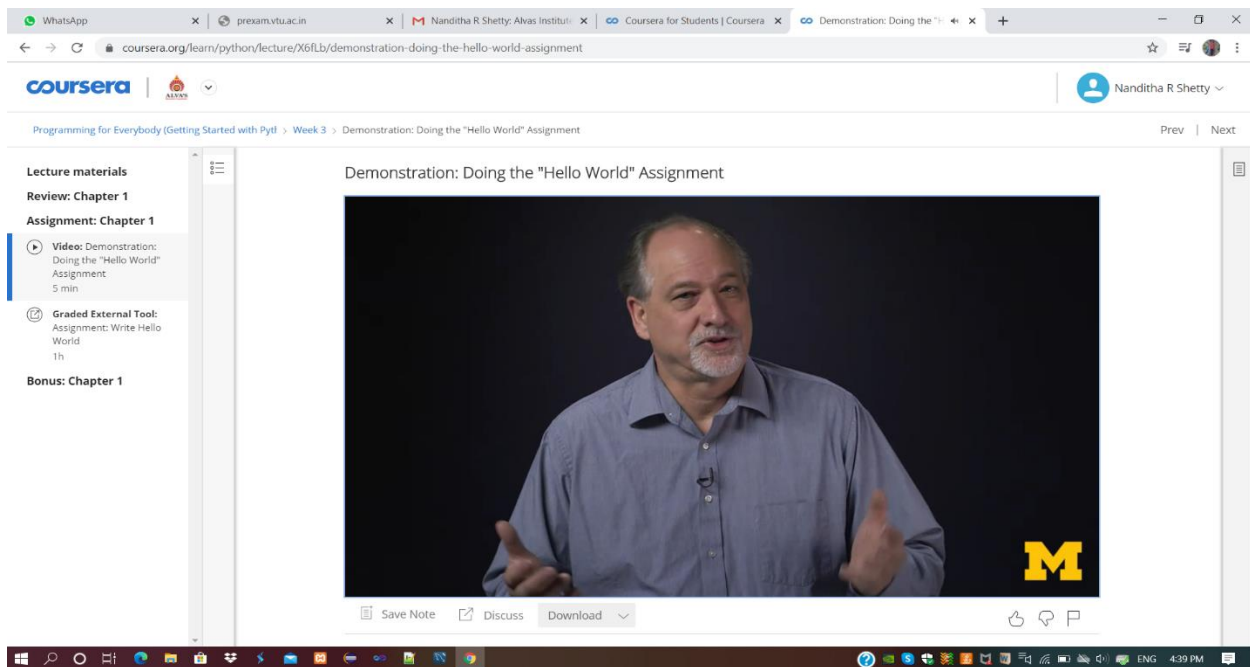


## DAILY ONLINE ACTIVITIES SUMMARY

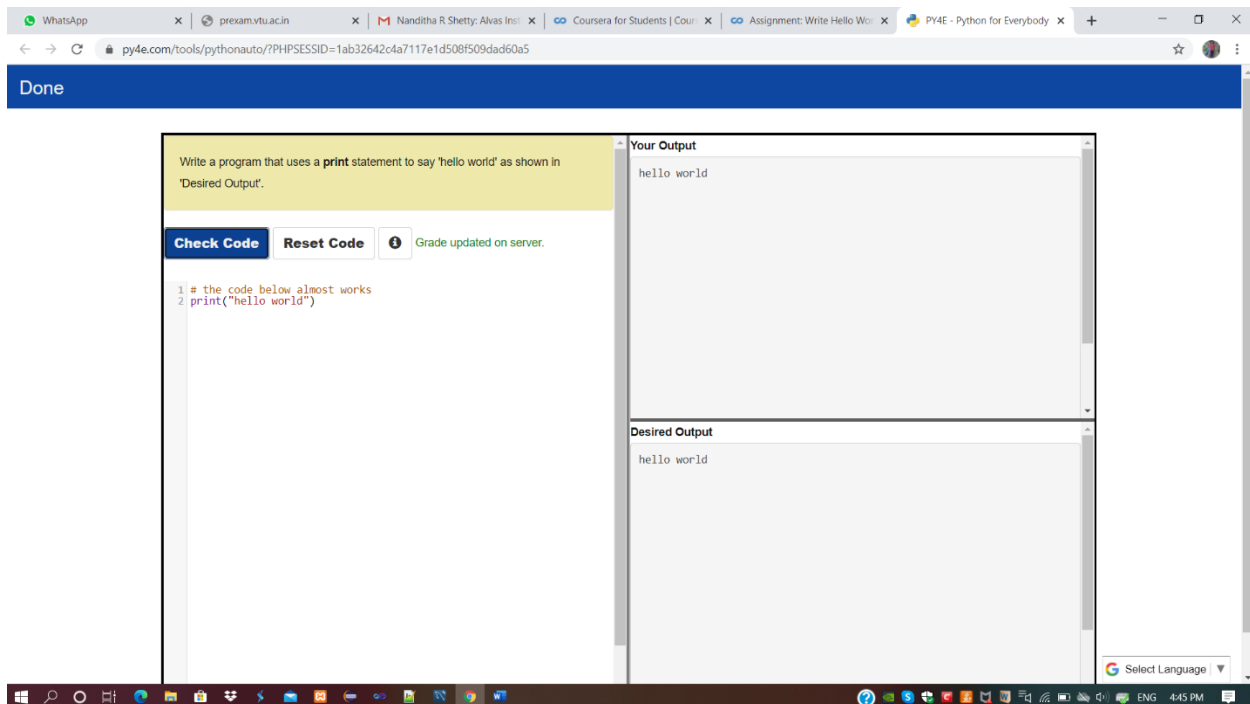
<b>Date:</b>	4-08-2020	<b>Name:</b>	Nanditha.R.Shetty
<b>Sem &amp; Sec</b>	6 <sup>th</sup> sem, 'A' sec	<b>USN:</b>	4AL17CS054
<b>Online Test Summary</b>			
<b>Subject</b>	--		
<b>Max. Marks</b>	-	<b>Score</b>	-
<b>Certification Course Summary</b>			
<b>Course</b>	Programming for Everybody (Getting Started with Python)		
<b>Certificate Provider</b>	Coursera	<b>Duration</b>	19hrs
<b>Coding Challenges</b>			
<b>Problem Statement: 1 python program</b>			
<b>Status: executed</b>			
<b>Uploaded the report in GitHub</b>		Yes	
<b>If yes Repository name</b>		<a href="https://github.com/nandithashetty/DAILY-STATUS">https://github.com/nandithashetty/DAILY-STATUS</a>	
<b>Uploaded the report in slack</b>		Yes	

## Online Certification Course Details:

Today I took Week 3 “Doing the “Hello World” Assignment” Quiz on this Course.



The screenshot shows a web browser window with multiple tabs. The active tab is 'Coursera for Students | Coursera'. The address bar shows the URL 'coursera.org/learn/python/lecture/X6fLb/demonstration-doing-the-hello-world-assignment'. The Coursera logo is in the top left, and the user's name 'Nanditha R Shetty' is in the top right. The main content area displays a video player with the title 'Demonstration: Doing the Hello World Assignment'. The video shows a man with a beard and a blue shirt speaking. Below the video are buttons for 'Save Note', 'Discuss', and 'Download'. On the left side, there is a sidebar with 'Lecture materials' including 'Review: Chapter 1', 'Assignment: Chapter 1', and 'Bonus: Chapter 1'. The video player has a '5 min' duration and a 'Graded External Tool' link.



The screenshot shows a web browser window with multiple tabs. The active tab is 'PY4E - Python for Everybody'. The address bar shows the URL 'py4e.com/tools/pythonauto/?PHPSESSID=1ab32642c4a7117e1d508f509dad60a5'. The page has a blue header with the word 'Done'. The main content area is a Python IDE. On the left, there is a text area with the instruction 'Write a program that uses a print statement to say 'hello world' as shown in 'Desired Output'.' Below this are buttons for 'Check Code', 'Reset Code', and a status message 'Grade updated on server.' The code area contains the following code:

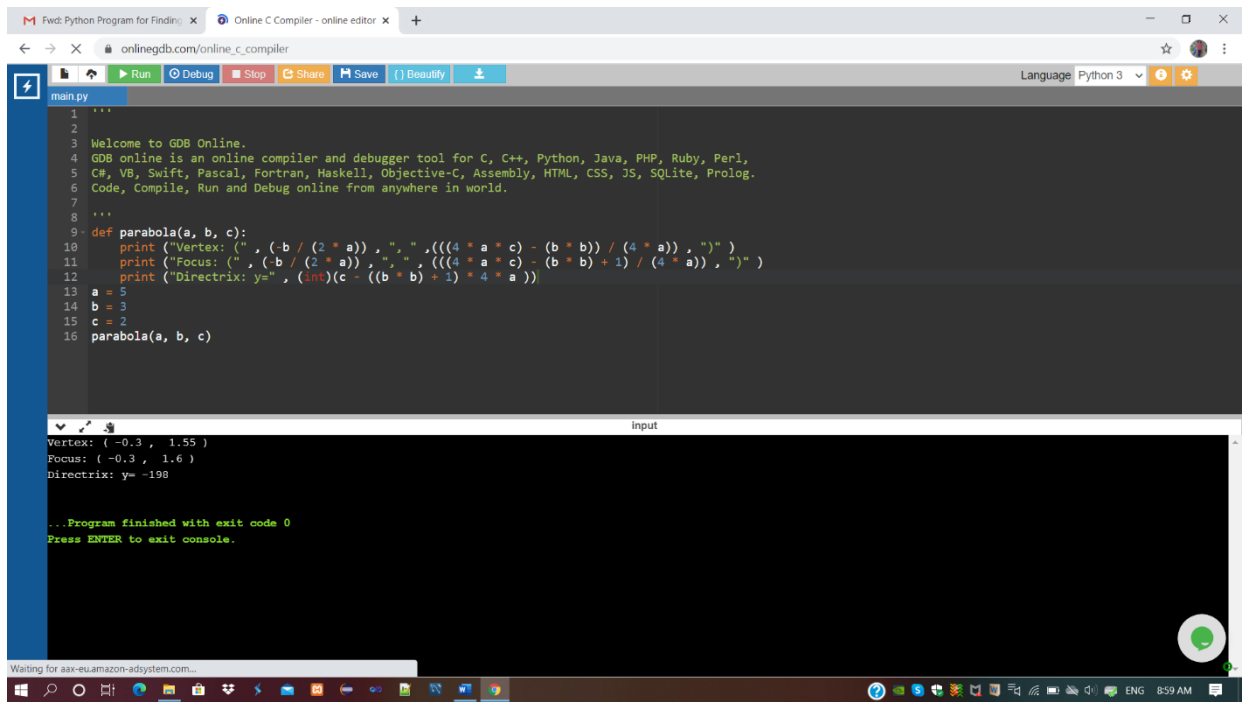
```
1 # the code below almost works
2 print("hello world")
```

On the right, there is a 'Your Output' section showing 'hello world' and a 'Desired Output' section also showing 'hello world'. At the bottom right, there is a 'Select Language' dropdown menu.

## Coding Challenges Details:

### Program 1

This is output of python program for Finding the vertex, focus and directrix of a parabola



The screenshot shows a web browser window with the URL `onlinegdb.com/online_c_compiler`. The page displays a Python program in a dark-themed editor. The program defines a function `parabola(a, b, c)` that calculates the vertex, focus, and directrix of a parabola. The main code sets `a = 5`, `b = 3`, and `c = 2`, then calls `parabola(a, b, c)`. The output window shows the results: Vertex: (-0.3, 1.55), Focus: (-0.3, 1.6), and Directrix: y = -198. The program finished with exit code 0.

```
1 '''
2
3 Welcome to GDB Online.
4 GDB online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,
5 C#, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
6 Code, Compile, Run and Debug online from anywhere in world.
7
8 '''
9 def parabola(a, b, c):
10     print("Vertex: (", (-b / (2 * a)), ", ", (((1 * a * c) - (b * b)) / (4 * a)), ")")
11     print("Focus: (", (-b / (2 * a)), ", ", (((1 * a * c) - (b * b) + 1) / (4 * a)), ")")
12     print("Directrix: y=", (int)(c - ((b * b) + 1) * 4 * a))
13
14 a = 5
15 b = 3
16 c = 2
17 parabola(a, b, c)
```

Vertex: (-0.3, 1.55 )  
Focus: (-0.3, 1.6 )  
Directrix: y= -198

...Program finished with exit code 0  
Press ENTER to exit console.

Refer GitHub for detailed Information:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/4-08-2020/ONLINE%20CODING>

This Report is also available in:

<https://github.com/nandithashetty/DAILY-STATUS/blob/master/4-08-2020/Daily-Report4-8-2020.pdf>