

DAILY ONLINE ACTIVITIES SUMMARY

Date:	10 june 2020	Name:	Sandhya kapse
Sem & Sec	6 th sem B-sec	USN:	4AL18CS401
Online Test Summary			
Subject	SSCD TEST-4		
Max. Marks	30	Score	29
Certification Course Summary			
Course	python		
Certificate Provider	DataCamp	Duration	4wk
Coding Challenges			
Problem Statement: 1. Python Program to Check Whether a String is a Palindrome or not Using Recursion. 2. Python program to find number of even and odd numbers			
Status:cmpltd the probelms			
Uploaded the report in Github		yes	
If yes Repository name		https://github.com/alvas-education-foundation/sandhya-k	
Uploaded the report in slack		yes	

Test detail:

Test Completed!

You have successfully participated in System Software and Compiler Design IA 4.

Rate this Test
Your Rating: ★★★★★ [Click to Rate](#)

Results Analytics

✓ Test 2 submitted

Analysis

Your Score

8 / 8

✓ Test 1 submitted

MCQ

Your Score

21 / 22

Certification course :

campus.datacamp.com/courses/intermediate-python/matplotlib/ex=2

DataCamp

← Course Outline →

🔍 📄 ⌵

Instructions 3 XP

Use `print()` to print the last item from both the `year` and the `pop` list to see what the predicted population for the year 2100 is. Use two `print()` functions.

Before you can start, you should import `matplotlib.pyplot` as `plt`. `pyplot` is a sub-package of `matplotlib`, hence the dot.

Use `plt.plot()` to build a line plot. `year` should be mapped on the horizontal axis, `pop` on the vertical axis. Don't forget to finish off with the `plt.show()` function to actually display the plot.

Great! Let's interpret the plot you just created.

Correct Submission

Did you find this feedback helpful?

✓ +0 XP

PRESS ENTER TO

Continue

script.py solution.py

```
1 # Print the last item from years and populations
2 print(year[-1])
3 print(pop[-1])
4
5 # Import matplotlib.pyplot as plt
6 import matplotlib.pyplot as plt
7
8 # Make a line plot: year on the x-axis, pop on the y-axis
9 plt.plot(year, pop)
10
11 # Display the plot with plt.show()
12 plt.show()
```

🔄 Run Code

Run Solution

IPython Shell Slides

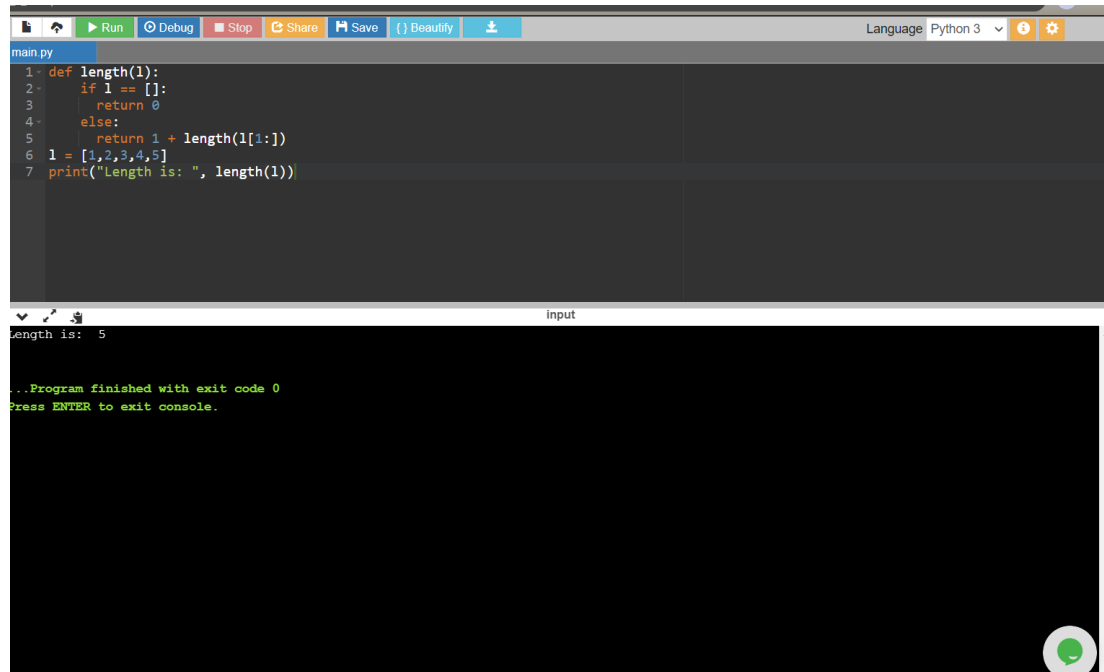
```
AttributeError: builtin_function_or_method object has no attribute 'plot'
```

```
<script.py> output:
2100
10.85

<script.py> output:
2100
10.85
```

Coding challenges:

Prog1:



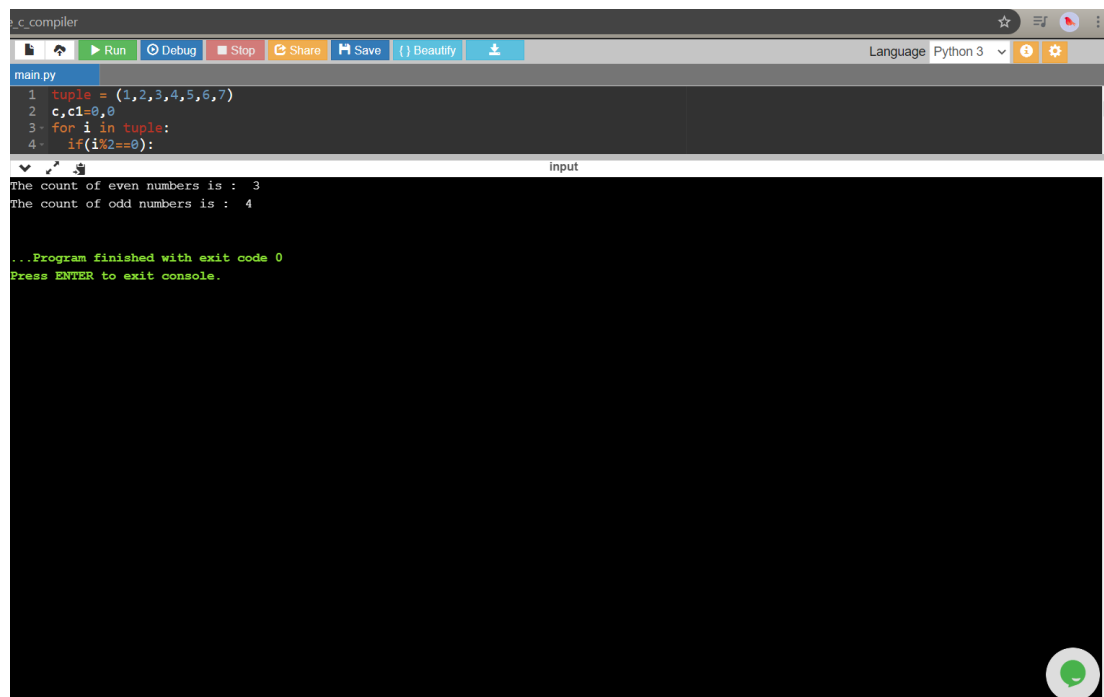
The screenshot shows a Python IDE with a toolbar at the top containing icons for Run, Debug, Stop, Share, Save, and Beautify. The language is set to Python 3. The code in the editor is as follows:

```
1 def length(l):  
2     if l == []:  
3         return 0  
4     else:  
5         return 1 + length(l[1:])  
6 l = [1,2,3,4,5]  
7 print("Length is: ", length(l))
```

The output console shows the result of the program execution:

```
length is: 5  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```

Prog2:



The screenshot shows a Python IDE with a toolbar at the top containing icons for Run, Debug, Stop, Share, Save, and Beautify. The language is set to Python 3. The code in the editor is as follows:

```
1 tuple = (1,2,3,4,5,6,7)  
2 c,c1=0,0  
3 for i in tuple:  
4     if(i%2==0):
```

The output console shows the result of the program execution:

```
The count of even numbers is : 3  
The count of odd numbers is : 4  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```