

DAILY ONLINE ACTIVITIES SUMMARY

Date:	5-8-2020	Name:	M.C Suchithra Heggade
Sem & Sec	6A	USN:	4AL17CS047
Online Test Summary			
Subject			
Max. Marks		Score	
Certification Course Summary			
Course	Introduction to data science.		
Certificate Provider	Coursera	Duration	4 weeks
Coding Challenges			
Problem Statement: 1. Python Program for Number of jump required of given length to reach a point of form (d, 0) from origin in 2D plane			
Status: Completed			
Uploaded the report in Github		YES	
If yes Repository name		https://github.com/Suchitraheggade/certification-on-Online-coding	
Uploaded the report in slack		YES	

CERTIFICATION COURSE

The screenshot shows the Coursera interface for the 'Python Functions' lecture. The browser address bar displays the URL: coursera.org/learn/python-data-analysis/lecture/A223/python-functions. The user is logged in as 'M.C Suchithra Hegg...'. The page title is 'Introduction to Data Science in Python > Week 1 > Python Functions'. The left sidebar contains a list of course items: 'Reading: 50 years of Data Science, David Donoho (optional)' (1h 30m), 'Video: The Coursera Jupyter Notebook System' (3 min), 'Reading: Notice for Auditing Learners: Assignment Submission' (10 min), 'Notebook: Week 1 Lectures Jupyter Notebook', 'Video: Python Functions' (8 min), 'Video: Python Types and Sequences' (8 min), 'Video: Python More on Strings' (3 min), and 'Video: Python Demonstration: Reading and Writing CSV files' (3 min). The main content area is titled 'Python Functions' and displays a Jupyter Notebook interface. The notebook code includes three functions: `add_numbers(x, y, n=None)`, `add_numbers(x, y, n=None, flag=False)`, and `add_numbers(x, y)`. The output shows the results of these function calls. The right sidebar is titled 'Notes' and contains a 'Save Note' button and a text area for notes. The bottom of the page shows the Windows taskbar with the search bar and various application icons.

Python Functions

```
In [253]: def add_numbers(x, y, n=None):
          if n == None:
              return x + y
          else:
              return x + y + n

          print(add_numbers(1, 2))
          print(add_numbers(1, 2, 3))

          3
          6

In [254]: def add_numbers(x, y, n=None, flag=False):
          if flag:
              print('Flag is true!')
          if n == None:
              return x + y
          else:
              return x + y + n

          print(add_numbers(1, 2, flag=True))
          Flag is true!
          3

In [255]: def add_numbers(x, y):
          return x + y

          x = add_numbers
          n(1, 2)

Out[255]: 3

In [ ]:
```

Save Note Discuss Download

English

Help Us Translate

Notes

Click the "Save Note" button when you want to capture a screen. You can also highlight and save lines from the transcript below. Add your own notes to anything you've captured.

Coding Challenges Details:

Index (1) - shaifashala@gmail.com | Courses for Students | Courses | My Files - OneDrive | Shaifa Shala Daily Coding/Parabola.py | Shaifa Shala Report 3 August 2020

github.com/shaifashala/education-foundation/Shaifa-Shala-Daily-Coding/Shaifa-Shala-Daily-Coding/Parabola.py

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master - Shaifa-Shala-Daily-Coding / Parabola.py / Jump to

Go to file

shaifashala Create Parabola.py Latest commit 41c276b 11 seconds ago History

1 contributor

23 lines (23 sloc) 403 Bytes Run Clone

```
1  """Python Program for Finding the vertex, focus and director of a parabola"""
2  def parabola(a, b, c):
3      print("Vertex: (" + str(-b / (2 * a)) + ", " + str(
4          ((4 * a * c) - (b * b)) / (4 * a)) + ")")
5      print("Focus: (" + str(-b / (2 * a)) + ", " + str(
6          ((4 * a * c) - (b * b) + 1) / (4 * a)) + ")")
7      print("Director: y=" + str((1/4 * b) * (-b * b + 1) * a))
8      print("Director: y=" + str((1/4 * b) * (-b * b + 1) * a))
9
10 # main
11 a = 5
12 b = 3
13 c = 2
14 parabola(a, b, c)
```