

DAILY ONLINE ACTIVITIES SUMMARY

Date:	20-05-2020	Name:	Kavya R Shetty
Sem & Sec	VI A	USN:	4AL17CS042
Online Test Summary			
Subject	SSCD IA Test		
Max. Marks	30	Score	21
Certification Course Summary			
Course	PYTHON FOR MACHINE LEARNING		
Certificate Provider	GREAT LEARNING	Duration	5HRS
Coding Challenges			
Problem Statement: 1. Python Program to Execute the Values of Two Number using ^ (exclusive or operator). 2. Write Python Program to Reverse a Given Number. This is a Python Program to reverse a given number.			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		https://github.com/kavya-shetty765/DAILY-STATUS	
Uploaded the report in slack		Yes	

Online test Detail:

Test Completed!

You have successfully participated in SYSTEM SOFTWARE AND COMPILER DESIGN - IA TEST 1.

Rate this Test

Your Rating: ★★★★★ Click to Rate

Results Analytics

MCQ

Your Score **21** / 30

Waiting for 8548710.flts.doubledclick.net...

Type here to search

62% 09:58 20-05-2020

Online Certification DetailsCourse outline

Welcome to Great Learning Acad... Course Outline: Python for Machi...

olympus.greatlearning.in/courses/10899/pages/course-outline?module_item_id=444801

greatlearning Learning for Life Courses

Courses / Python for Machine Learning / Course Outline

Content

Python for Machine Learning - Overview

Python for Machine Learning Outline 100% completed

Course Overview

Introduction to Python

Practice Assessment

Assessments

Claim your course certificate

Course Outline

INTRODUCTION TO PYTHON AND BASIC STATISTICS

Course Description

Python is an easy to learn, powerful programming language. You can use Python when your data analysis tasks need to be integrated with web apps or if statistics code needs to be incorporated into a production database. Being a full-fledged programming language, it's a great tool to implement algorithms for production use.

While the infancy of Python packages for data analysis was an issue in the past, this has improved significantly over the years. In this course, you will learn about NumPy / Pandas (data manipulation) for data analysis and matplotlib (to make graphics). You will also learn about scikit-learn for machine learning in future courses.

Course Content

- Installation of Python
- NumPy

https://olympus.greatlearning.in/courses/10899/pages/python-for-machine-learning-outline?module_item_id=444800

Type here to search

45% 12:20 20-05-2020

The screenshot displays a web browser window with multiple tabs. The active tab is titled 'Data Structure hands-on' and shows a Great Learning course page. The sidebar on the left lists course topics, with 'Data Structure hands-on' selected. The main content area features a Jupyter Notebook interface with the following code and output:

```
More on lists

In [ ]: mylist = ['Bangalore', 'Delhi', 'Chennai', 2000, 3400.56, 'Cool']
len(mylist) # returns the length of the list

Removing items from a list
An object can be removed from a list by using del(), remove(), pop() function.

In [ ]: del(mylist[5])
print(mylist)

In [ ]: newlist = ["Hello", 2, 3, 2, 'world', 2]
newlist.remove(2)
print(newlist)

Note: Only the first matching entry is removed

In [ ]: l1 = [1, 2, 3, 4]
l1.pop(2) # here the argument refers to the positional value
print(l1)
```

The bottom of the browser window shows a Windows taskbar with various application icons and a system clock indicating 18:05 on 20-05-2020.

Coding Challenge Details

1. Python Program to Execute the Values of Two Number using ^ (exclusive or operator)

```
main.py
1
2 x=int(input("x= "))
3 y=int(input("y= "))
4 print("Before Swapping: x = ", x, " y =", y)
5 x = x ^ y;
6 y = x ^ y;
7 x = x ^ y;
8 print("After Swapping: x = ", x, " y =", y)
```

Input

```
= 88
Before Swapping: x = 77 y = 88
After Swapping: x = 88 y = 77

..Program finished with exit code 0
```

2. Write Python Program to Reverse a Given Number. This is a Python Program to reverse a given number.

```
main.py
1
2 a=int(input("enter Digit :"))
3 rev=0
4 while(a > 0):
5     rem=a%10
6     rev=rev*10+rem
7     a=a//10
8 print("Reversed number: ",rev)

input
enter Digit :14325
Reversed number:  52341

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