DAILY ONLINE ACTIVITIES SUMMARY

Date:	**22-05-2020**	**Name:**	**Apoorva K N**
Sem & Sec	**VI A**	**USN:**	**4AL17CS012**

Online Test Summary

Subject	**OR IA Test**		
Max. Marks	**30**	**Score**	**30**

Certification Course Summary

Course	**Python for Machine learning**		
Certificate Provider	**Great Learning**	**Duration**	**5hr**

Coding Challenges

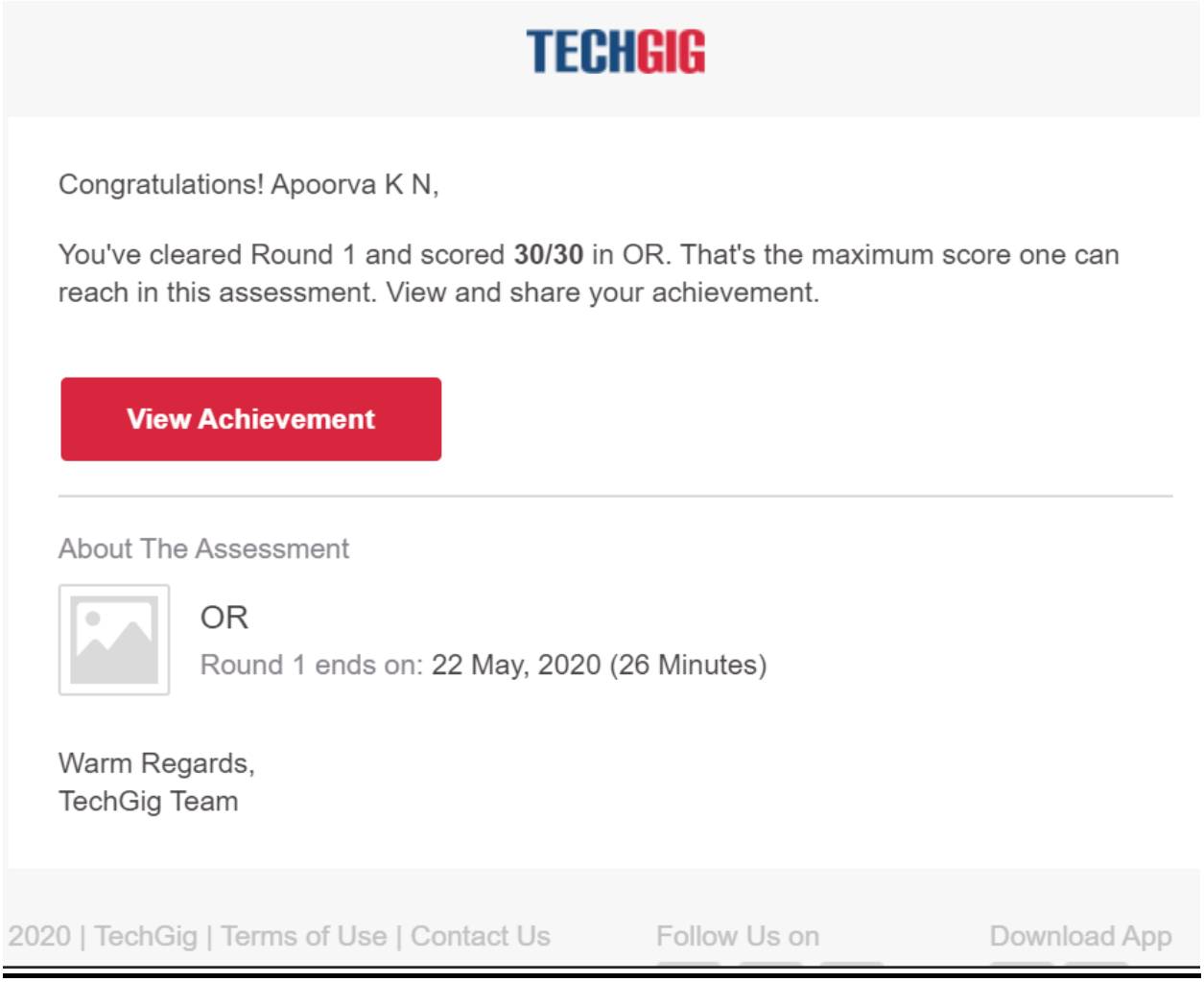
Problem Statement:

1. Python program to print all Prime numbers in an Interval. Given two positive integers start and end. The task is to write a Python program to print all Prime numbers in an Interval.

2. Python Program to find sum of array. Given an array of integers (take input from keyboard), find sum of its elements

Status: Completed	
Uploaded the report in GitHub	**Yes**
If yes Repository name	https://github.com/Apoorva-K-N/Online-courses
Uploaded the report in slack	**Yes**

Online test Detail:



TECHGIG

Congratulations! Apoorva K N,

You've cleared Round 1 and scored **30/30** in OR. That's the maximum score one can reach in this assessment. View and share your achievement.

View Achievement

About The Assessment

OR

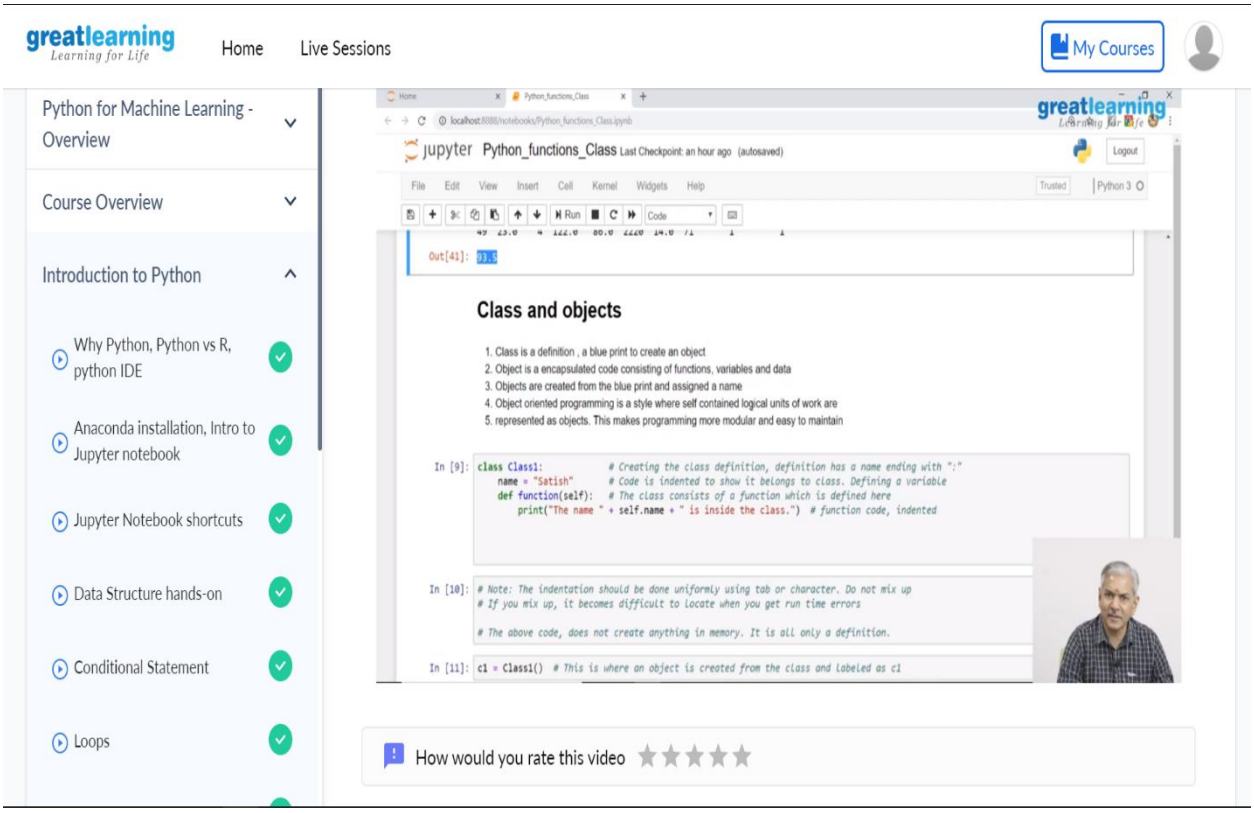
Round 1 ends on: 22 May, 2020 (26 Minutes)

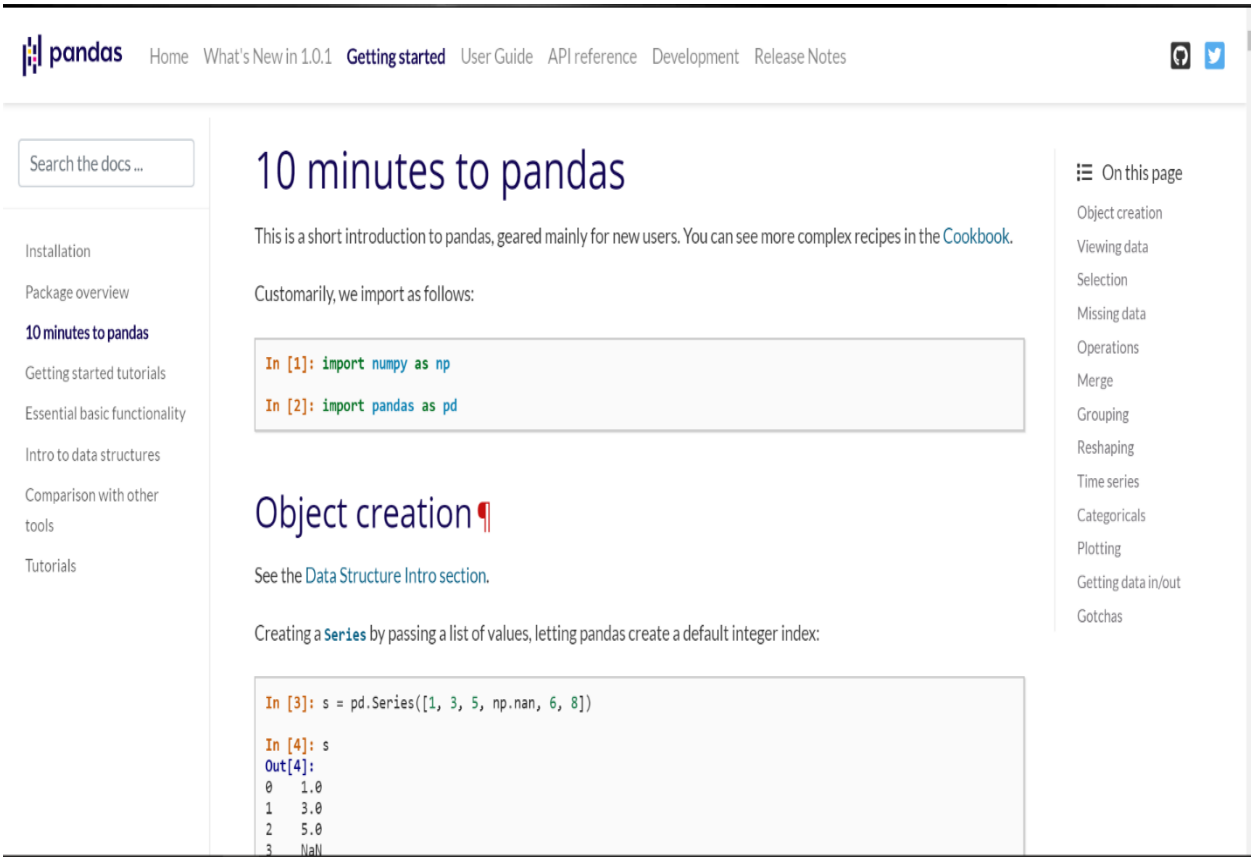
Warm Regards,
TechGig Team

2020 | TechGig | Terms of Use | Contact Us Follow Us on Download App

Online Certification Details

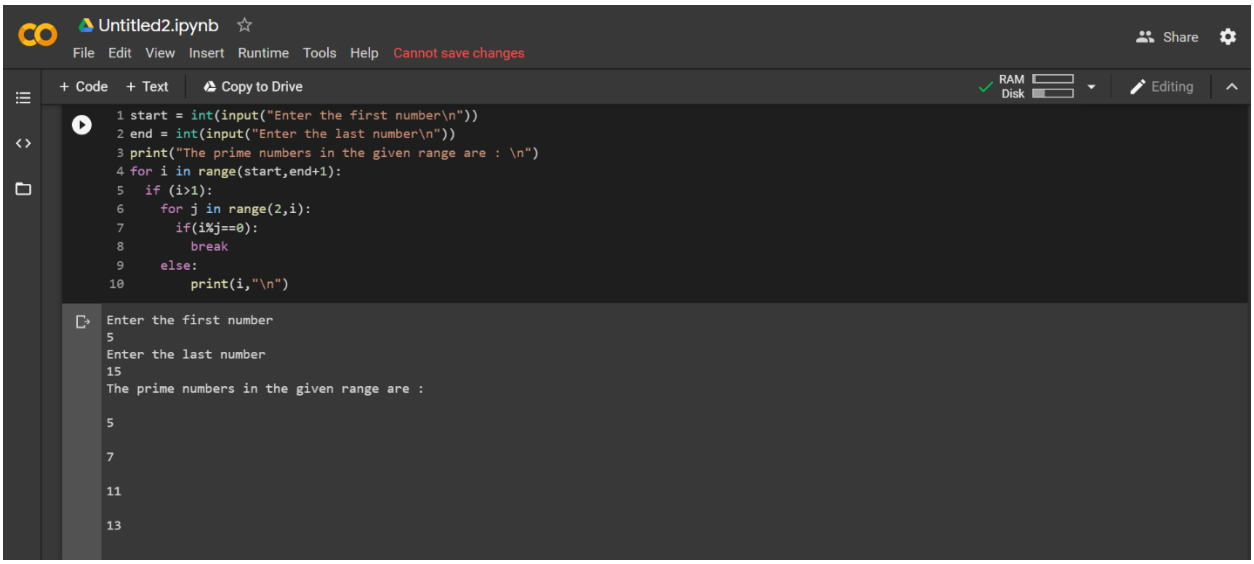
Modules completed:
-User defined Function
-Lambda function
-Classes and Object


greatlearning
Learning for Life
Home
Live Sessions
My Courses
Python for Machine Learning - Overview
Course Overview
Introduction to Python
Why Python, Python vs R, python IDE
Anaconda installation, Intro to Jupyter notebook
Jupyter Notebook shortcuts
Data Structure hands-on
Conditional Statement
Loops
jupyter Python_functions_Class Last Checkpoint: an hour ago (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Trusted
Python 3
Out[41]: 83.5
Class and objects
1. Class is a definition , a blue print to create an object
2. Object is a encapsulated code consisting of functions, variables and data
3. Objects are created from the blue print and assigned a name
4. Object oriented programming is a style where self contained logical units of work are
5. represented as objects. This makes programming more modular and easy to maintain
In [9]: class Class1: # Creating the class definition, definition has a name ending with ":"
name = "Satish" # Code is indented to show it belongs to class. Defining a variable
def function(self): # The class consists of a function which is defined here
print("The name " + self.name + " is inside the class.") # function code, indented
In [10]: # Note: The indentation should be done uniformly using tab or character. Do not mix up
If you mix up, it becomes difficult to locate when you get run time errors
The above code, does not create anything in memory. It is all only a definition.
In [11]: c1 = Class1() # This is where an object is created from the class and labeled as c1
How would you rate this video


pandas
Home
What's New in 1.0.1
Getting started
User Guide
API reference
Development
Release Notes
Search the docs ...
Installation
Package overview
10 minutes to pandas
Getting started tutorials
Essential basic functionality
Intro to data structures
Comparison with other tools
Tutorials
10 minutes to pandas
This is a short introduction to pandas, geared mainly for new users. You can see more complex recipes in the Cookbook.
Customarily, we import as follows:
In [1]: import numpy as np
In [2]: import pandas as pd
Object creation ¶
See the Data Structure Intro section.
Creating a Series by passing a list of values, letting pandas create a default integer index:
In [3]: s = pd.Series([1, 3, 5, np.nan, 6, 8])
In [4]: s
Out[4]:
0 1.0
1 3.0
2 5.0
3 NaN
On this page
Object creation
Viewing data
Selection
Missing data
Operations
Merge
Grouping
Reshaping
Time series
Categoricals
Plotting
Getting data in/out
Gotchas

Coding Challenge Details

1. Python program to print all Prime numbers in an Interval. Given two positive integer start and end. The task is to write a Python program to print all Prime numbers in an Interval.



2. Python Program to find sum of array.Given an array of integers(take input from #keyboard), find sum of its elements.