

DAILY ONLINE ACTIVITIES

SUMMARY

Date:	02-06-2020		Name:	Apoorva H P	
Sem & Sec	VI A		USN:	4AL17CS011	
Online Test Summary					
Subject	CGV IA Test				
Max. Marks	30		Score	30	
Certification Course Summary					
Course	Machine learning with python				
Certificate Provider	Cognitive Class		Duration	6hr	
Coding Challenges					
Problem Statement:					
1. Python program to print 1st and last element of a list using slice method					
2. Python program to find whether the string is pangram Note: Pangram- a string which has all the alphabets from a to z					
Status: Completed					
Uploaded the report in GitHub			Yes		
If yes Repository name			https://github.com/ashaapoorva/online-coding-and-certification-course		
Uploaded the report in slack			Yes		

Online test Detail:

CGV Test Total points **30/30** ?

Mention your name and USN without fail, otherwise your form will be rejected.
Choose the correct answer. Don't choose multiple answers.
Each question carries ONE mark and Maximum duration is 30 minutes.
Submission of more than one form is not allowed.
Submit the form before 10.00 AM, otherwise it will be rejected.

Name
Apoorva H P

USN
4AL17CS011

✓ To obtain a display of a three-dimensional world-coordinate scene, we first set up a coordinate reference for 1/1

☒ viewing parameters ✓

☐ window parameters

☐ Both Option 1 and 2

☐ None of these

Online Certification Details

Modules completed:

Module 5: Recommender Systems

- Learning objectives
- Recommender Systems
- Content based
- Collaborative filtering
- Final exam
- Claim certificate and badge

Career and Growth Ladder in xGraded Review Questions | Grad. x+

courses.cognitiveclass.ai/courses/course-v1:CognitiveClass+ML0101ENv3+2018/courseware/c6143d9ff5764057a91e53fa8a3a6dff/bb113f012c48472494fc56d23af5739d/1/activate_block_id=block-v1%...

AppsGmailYouTubeMapsNewsTranslateCognitive Class ML...

Review Question 1

1/1 point (graded)

Collaborative filtering is based on relationships between products and people's rating patterns.

☒ True ✓

☐ False

SubmitYou have used 1 of 1 attempt

Review Question 2

1/1 point (graded)

Which one is TRUE about Content-based recommendation systems?

☒ Content-based recommendation system tries to recommend items to the users based on their profile.

☐ In content-based approach, the recommendation process is based on similarity of users.

☐ In content-based recommender systems, similarity of users should be measured based on the similarity of the actions of users.

✓

SubmitYou have used 1 of 1 attempt

☐ In content-based approach, the recommendation process is based on similarity of users.

☐ In content-based recommender systems, similarity of users should be measured based on the similarity of the actions of users.

✓

SubmitYou have used 1 of 1 attempt

Review Question 3

1/1 point (graded)

Which one is correct about user-based and item-based collaborative filtering?

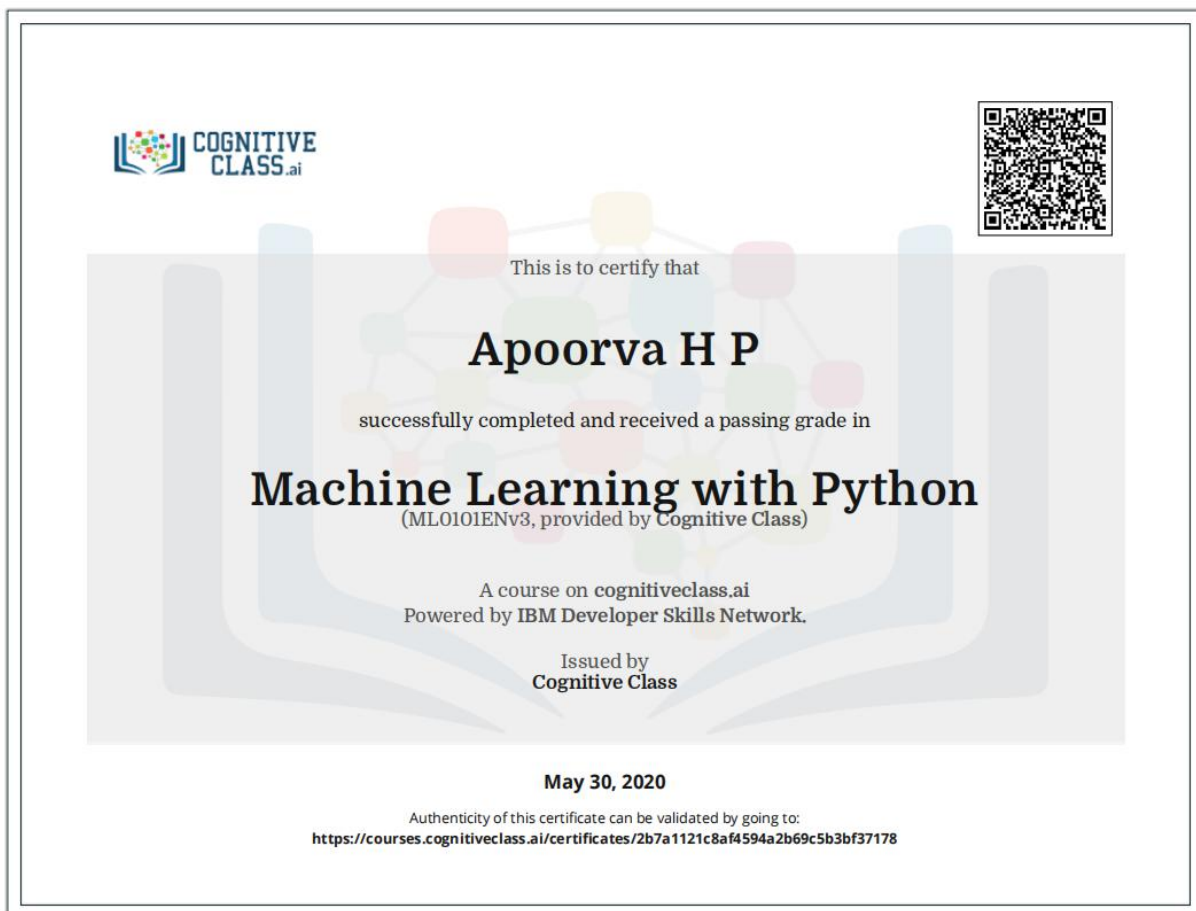
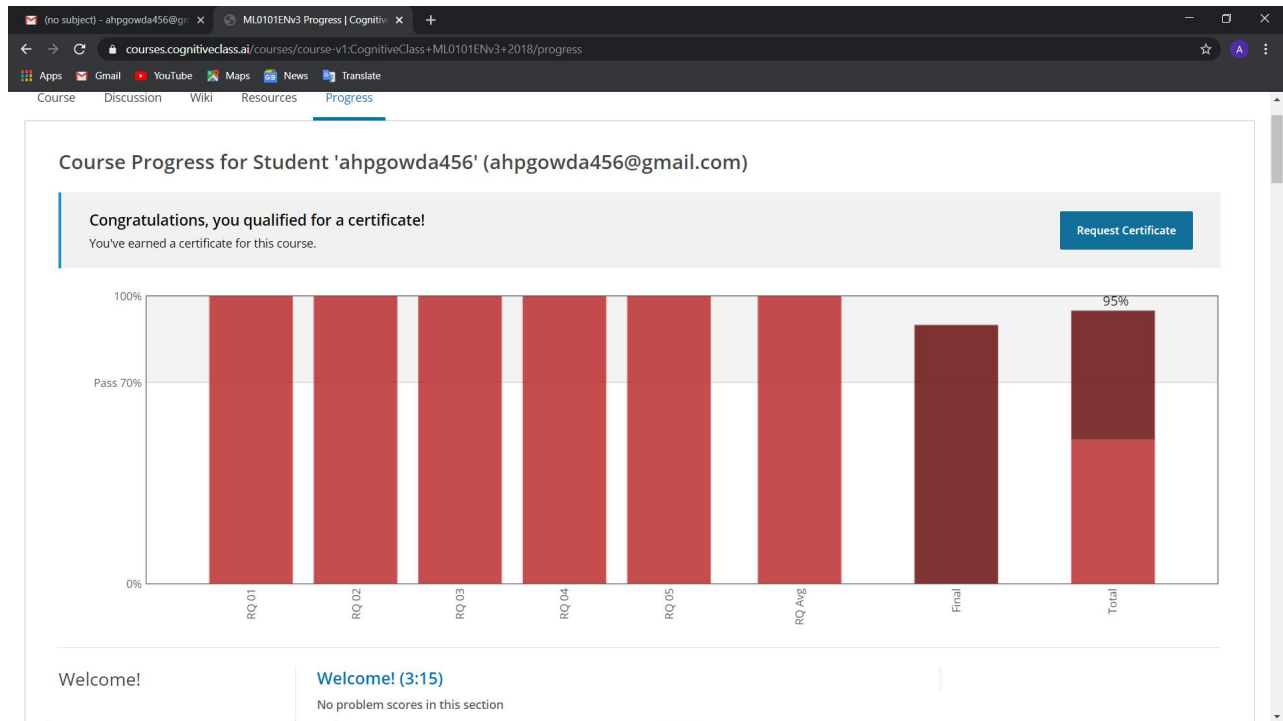
☐ In item-based approach, the recommendation is based on profile of a user that shows interest of the user on specific item

☒ In user-based approach, the recommendation is based on users of the same neighborhood, with whom he/she shares common preferences. ✓

SubmittingYou have used 1 of 2 attempts

Save

PreviousNext

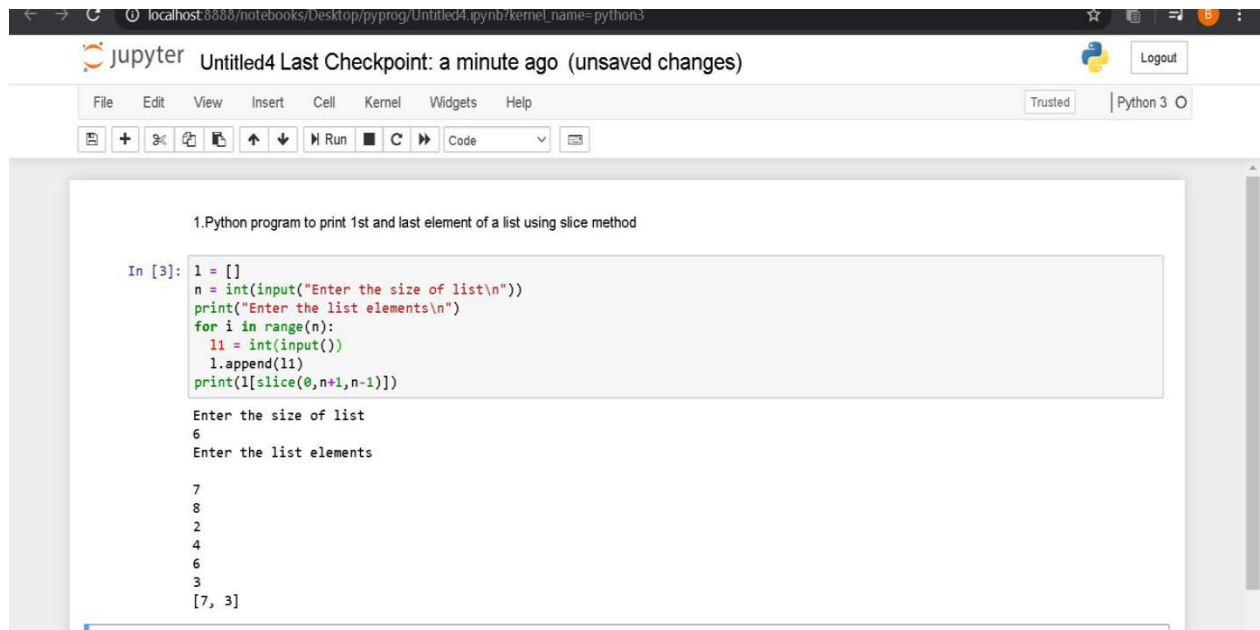




Machine Learning with Python - Level 1 was issued by IBM to Apoorva H P.

Coding Challenge Details

1. Python program to print 1st and last element of a list using slice method



The screenshot shows a Jupyter Notebook window titled "Untitled4 Last Checkpoint: a minute ago (unsaved changes)". The notebook contains a single code cell with the following Python code:

```
1. Python program to print 1st and last element of a list using slice method

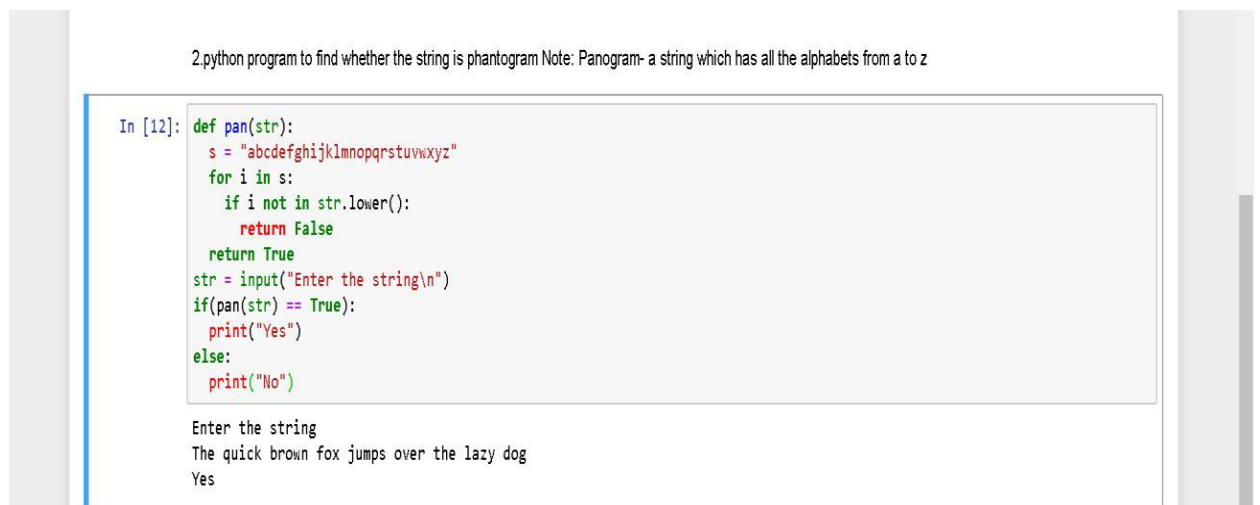
In [3]: l = []
        n = int(input("Enter the size of list\n"))
        print("Enter the list elements\n")
        for i in range(n):
            l1 = int(input())
            l.append(l1)
        print(l[slice(0,n+1,n-1)])
```

The output of the code is shown below the code cell:

```
Enter the size of list
6
Enter the list elements

7
8
2
4
6
3
[7, 3]
```

2. Python program to find whether the string is pangram Note: Pangram- a string which has all the alphabets from a to z



The screenshot shows a Jupyter Notebook window with a code cell containing the following Python code:

```
2. python program to find whether the string is phantogram Note: Panogram- a string which has all the alphabets from a to z

In [12]: def pan(str):
        s = "abcdefghijklmnopqrstuvwxyz"
        for i in s:
            if i not in str.lower():
                return False
        return True
        str = input("Enter the string\n")
        if pan(str) == True:
            print("Yes")
        else:
            print("No")
```

The output of the code is shown below the code cell:

```
Enter the string
The quick brown fox jumps over the lazy dog
Yes
```

