

# Updated Report summary

27.5.20

## Github Daily update Status report

Out of 18 assigned , 18 have reported

Shetty Disha Ravindra

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	27-05-2020	Name:	Shetty Disha Ravindra
Sem & Sec	VI B sec	USN:	4a17cs087
<b>Online Test Summary</b>			
Subject	System Software and Compiler Design		
Max. Marks	30	Score	19
<b>Certification Course Summary</b>			
Course	Full Stack web Development		
Certificate Provider	Udemy	Duration	19.5hrs
<b>Coding Challenges</b>			
<b>Problem Statement:1]</b> Python Program to read a number n and print and compute the series "1+2+...+n="			
<b>Status:executed</b>			

<b>Uploaded the report in Github</b>	Yes
<b>If yes Repository name</b>	<a href="https://github.com/alvas-education-foundation/Disha_Shetty">https://github.com/alvas-education-foundation/Disha_Shetty</a>
<b>Uploaded the report in slack</b>	Yes

**Online Test Details:** (Attach the snapshot and briefly write the report for the same)

**Certification Course Details:** (Attach the snapshot and briefly write the report for the same)

**Coding Challenges Details:** (Attach the snapshot and briefly write the report for the same)

#### Online test

The screenshot shows a web browser window with multiple tabs open at the top. The main content area displays the results of three different tests. Each test result is shown in a separate card:

- Test 3 submitted**: Problem Round 2. Your Score: **10 / 10**.
- Test 1 submitted**: MCQ. Your Score: **5 / 11**.
- Test 2 submitted**: Problem Round 1. Your Score: **3 / 9**.

#### Certification progress

The screenshot shows a web browser window with the Udemy course 'Become A Full Stack Web Developer - Beginner To Advanced' open. The course content panel is expanded, showing sections such as 'Database Seeding' and 'Section 15: Final Touches'. A video player for a lecture titled 'Database Seeding' is visible in the center. The browser has tabs for WhatsApp and the course itself.

**Course content**

- 165. Adding orders to database
- 166. Summary
- 167. Site Template

**Section 15: Final Touches**

- 168. Final Touches
- 169. Database seeding
- 170. Summary

**Section 16: Conclusion**

- 171. Conclusion and Thank you
- 172. Final Project

## Coding challenge output

11

```
n = int(input("Enter the number\n"))
series_sum= []
for i in range(1,n+1):
    series_sum.append(i)
if(i==n):
    print(i,end="")
else:
    print(i,end="+")
print("=",sum(series_sum))
```

Enter the number  
5  
1+2+3+4+5= 15

Sathvik R Shetty

### DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/05/2020	Name:	Sathvik R Shetty
Sem & Sec	6 <sup>th</sup> /B	USN:	4AL17CS089

#### **Online Test Summary**

Subject	SSCD IA Test - 2		
Max. Marks	30	Score	25

#### **Certification Course Summary**

Course	Web Development with python and JavaScript		
Certificate Provider	Harvard University	Duration	12weeks

<b>Coding Challenges</b>	
<b>Problem Statement:</b>	
<ol style="list-style-type: none"> <li>1. Python Program to print all the numbers not divisible either by 3 or 2 lying between 1 &amp;50</li> <li>2. Python Program to print given digit is palindrome or not</li> </ol>	
<b>Status: Completed</b>	
<b>Uploaded the report in GitHub</b>	<b>Yes</b>
<b>If yes Repository name</b>	<a href="https://github.com/sathvikshetty22/Online-Coding">https://github.com/sathvikshetty22/ Online-Coding</a>
<b>Uploaded the report in slack</b>	<b>Yes</b>

### **Online Test Details**

SSCD TEST-2 Details:

Your Rating: ★★★★★ ⚡ Click to Rate

Results      Analytics

Test 3 submitted  
Problem Round 2  
Your Score  
**10** / 10

Test 1 submitted  
MCQ  
Your Score  
**9** / 11

Test 2 submitted  
Problem Round 1  
Your Score  
**6** / 9

## Online Certification Details

### Lesson

- Django

```
Term2 Shell Edit View Session Profiles Toolbar Window Help
^Cauthentication $ python manage.py shell
Python 3.6.1 (v3.6.1:69c0db5050, Mar 21 2017, 01:21:04)
Type 'copyright', 'credits' or 'license' for more information
IPython 6.1.0 -- An enhanced Interactive Python. Type '?' for help.

In [1]: from django.contrib.auth.models import User
In [2]: user = User.objects.create_user("alice", "alice@something.com", "alice12345")
In [3]: user.first_name = "Alice"
In [4]: user.save()
In [5]:
```

1:36:39 / 1:41:14      Speed 1.50x

## Coding Challenge Details

1. Python Program to print all the numbers not divisible either by 3 or 2 lieing between 1 &50

2. Python Program to print given digit is palindrome or not.

```
In [5]: a = [i for i in range(1,51) if(i%2!=0 and i%3!=0)]
print(a)

[1, 5, 7, 11, 13, 17, 19, 23, 25, 29, 31, 35, 37, 41, 43, 47, 49]
```

```
In [5]: num = int(input("Enter the number\n"))
n =num
rev= 0
while(n>0):
    rem = n%10
    rev = (rev*10)+rem
    n = n//10
if(rev == num):
    print("The number is palindrome")
else:
    print("The number is not a palindrome")
```

```
Enter the number
1234
The number is not a palindrome
```

### **Format for uploading details in Github and Slack in word file format**

**Progress on 27-05-2020**

**Student Name : Shrinivasa**

**Class and Sec : VI B**

**USN : 4AL17CS092**

<b>Online Test Details</b>			
<b>Subject</b>	<b>System Software and Compiler Design</b>		
<b>Semester</b>	<b>VI - B</b>	<b>Duration</b>	<b>46 Minutes</b>
<b>60%</b>		<b>18/30</b>	

**Encl : snapshot of the test result**

Logout

The screenshot shows a user interface for tracking test submissions and scores. It includes three main sections: Test 3 submitted (Problem Round 2), Test 1 submitted (MCQ), and Test 2 submitted (Problem Round 1). Each section displays the test name, category, your score, and the total possible score.

Test	Category	Your Score	Total Score
Test 3	Problem Round 2	10	/ 10
Test 1	MCQ	5	/ 11
Test 2	Problem Round 1	3	/ 9

### Certification Course Details

Course	Blockchain Essentials		
Certificate Provider	Cognitiveclass.ai	Duration	6 hours

**Encl : snapshots of the daily class acitivities (atleast two snap shots)**

**Progress on 27-05-2020**

[Course](#)   [Discussion](#)   [Progress](#)[Course](#) > [Module 1 - What Is Blockchain?](#) > [Graded review question](#) > [Review question](#) [Previous](#) [Search](#)[Next](#) 

### Review question

 [Bookmark this page](#)

#### Instructions for review questions

Time allowed: **Unlimited**

- We encourage you to go back and review the materials to find the right answer.
- Remember that the review questions are worth 40% of your final grade.

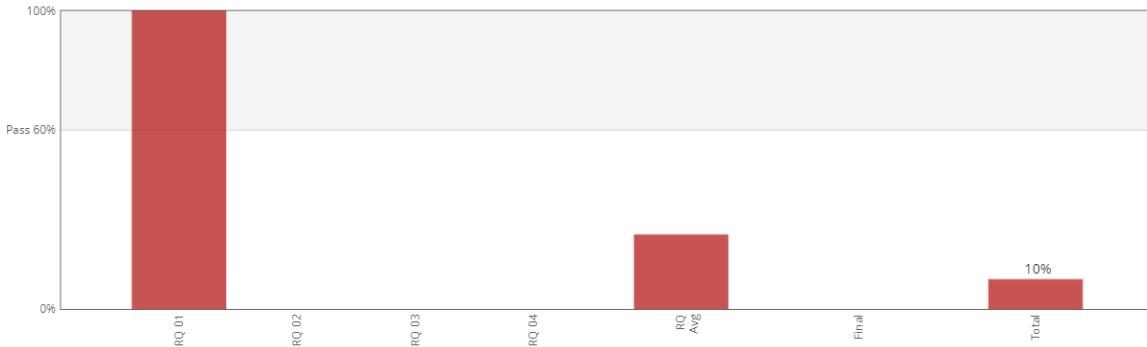
Attempts per question:

- One attempt for True/False questions
- Two attempts for any question other than True/False

After you click **Final Check**, your submission is final. You will not be able to resubmit your answer for that question again.

[Course](#)   [Discussion](#)   [Progress](#)

### Course Progress for Student 'shrinivasakunder' (shrinivasakunder@gmail.com)

[About this course](#)[Learning objectives](#)

No problem scores in this section

## Coding Challenges

**Problem Statement: Pro1(java): The largest element on left side of each index of array.****Pro2(java): Binary tree using linked list. Pro3(c): No. of passes performed**

Status: Completed

Uploaded the report both in Github & Slack

Yes

**Encl : snapshots of your response to challenge.**

```
Enter the no. of elements: 5
Enter the elements into array: 4
7
6
8
5
1 4 4 7 4 |
```

```
Enter the no. of elements: 3
Enter the elements into array: 2
5
10
1 2 5 |
```

```
Binary tree after insertion
1
Binary tree after insertion
2 1 3
Binary tree after insertion
4 2 5 1 3
Binary tree after insertion
4 2 5 1 6 3 7 |
```

```
Enter number of elements in the array:  
5  
Enter 5 integers  
5  
1  
4  
2  
8  
No. of passes to perform sorting : 2  
Printing the sorted array:  
1      2      4      5      8
```

**Soundarya R**

## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	27/05/2020	Name:	Soundarya R
Sem & Sec	6 <sup>th</sup> & B	USN:	4al17cs096
<b>Online Test Summary</b>			
Subject	SSCD		
Max. Marks	30	Score	8
<b>Certification Course Summary</b>			
Course	Introduction to Ethical Hacking		
Certificate Provider	Great Learning Academy	Duration	6hours
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 2Programs			
<b>Status:</b> Solved			
<b>Uploaded the report in Github</b>		yes	
<b>If yes Repository name</b>		<a href="https://github.com/ashu102/Daily-Activities">https://github.com/ashu102/Daily-Activities</a>	
<b>Uploaded the report in slack</b>		yes	

# IA TEST

The screenshot shows a smartphone screen displaying an application titled "IA TEST". At the top, there is a header bar with the text "Challenge Over" and "System Software And Compiler Design IA 2". Below the header, there is a profile picture icon and the text "by TechGig". The main content area is divided into three sections, each representing a test round:

- Test 1 MCQ**:  
Your Highest Score 3  
Max Score 11  
A "Start Test" button is present.
- Test 2 Problem Round 1**:  
Your Highest Score 0  
Max Score 9  
A "Start Test" button is present.
- Test 3 Problem Round 2**:  
Your Highest Score 5  
Max Score 10

At the bottom of the screen, there is a black navigation bar with three icons: a menu icon (three horizontal lines), a square icon, and a back arrow icon.

# CERTIFICATION COURSE

The screenshot shows a mobile browser interface with the following details:

- Header:** Shows the time (2:19), signal strength, battery level, and a lock icon.
- Address Bar:** Displays the URL [mpus.greatlearning.in](https://mpus.greatlearning.in) and a refresh button.
- Great Learning Logo:** Features the text "greatlearning" in blue and "Learning for Life" in a smaller font.
- User Profile:** Shows a placeholder user icon.
- Course Content:** A list of video lessons under the heading "NumPy Introduction".
  - NumPy Introduction (19m) - Completed (green checkmark)
  - Saving & loading NumPy Arrays (9m) - Completed (green checkmark)
  - numpy\_examples.ipynb - Download icon
- Section Header:** "Pandas and its functions"
- Lesson List:** A list of video lessons under this section.
  - Pandas - Introduction-4 (6m) - Completed (green checkmark)
  - Pandas - Series and Dataframes- 4 (14m) - Completed (green checkmark)
  - Pandas - Accessing and modifying-4 (16m) - Completed (green checkmark)
  - Pandas - Combining Dataframes- 4 (25m) - Completed (green checkmark)
- Bottom Navigation:** Includes icons for menu, home, and back.

# ONLINE CODING

Program:

```
Enter number of elements in the array:  
5  
Enter 5 integers  
5  
1  
4  
2  
8  
No. of passes to perform sorting : 2  
Printing the sorted array:  
1      2      4      5      8
```

**SRILATHA K KAMATH**

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	27-05-2020	<b>Name:</b>	SRILATHA K KAMATH
<b>Sem &amp; Sec</b>	6 B	<b>USN:</b>	4AL17CS099
<b>Online Test Summary</b>			
<b>Subject</b>	System Software and Compiler Design IA TEST 2		
<b>Max. Marks</b>	30	<b>Score</b>	20
<b>Certification Course Summary</b>			
<b>Course</b>	Career Edge – Knockdown the Lockdown		
<b>Certificate Provider</b>	TCS	<b>Duration</b>	15days
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Given an array arr[] of the positive integers of size N, the task is to find the largest element on the left side of each index which is smaller than the element present at that index. Note: If no such element is found then print -1.			
<b>Status:</b> COMPLETED			
<b>Uploaded the report in Github</b>	<b>YES</b>		
<b>If yes Repository name</b>	<a href="https://github.com/alvas-education-foundation/Srilatha-K-Kamath-Daily-Report.git">https://github.com/alvas-education-foundation/Srilatha-K-Kamath-Daily-Report.git</a>		

<b>Uploaded the report in slack</b>	<b>YES</b>
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## Online Test Details:

The screenshot shows a web browser window displaying test results from techgig.com. The URL in the address bar is [techgig.com/challenge/result/problem-round-2/cDQ2N1ZNQmt1d0xxSzNBmHEveVo1QT09](https://techgig.com/challenge/result/problem-round-2/cDQ2N1ZNQmt1d0xxSzNBmHEveVo1QT09). The browser interface includes a back/forward button, a search bar, and a menu bar with options like Apps, Gmail, YouTube, and Maps. The main content area shows three test results under the 'Results' tab:

- Test 3 submitted** (Problem Round 2)  
Your Score: **10 / 10**
- Test 1 submitted** (MCQ)  
Your Score: **7 / 11**
- Test 2 submitted** (Problem Round 1)  
Your Score: **3 / 9**

The browser is running on a Windows operating system, as indicated by the taskbar at the bottom which shows the Start button, a search bar, pinned icons for File Explorer, Edge, Task View, File History, Mail, Calendar, Photos, and Google Chrome, and system status icons for battery, signal, and volume.

## Online Course Details:

The screenshot shows a computer desktop with a browser window open to the TCS iON Digital Learning Hub. The page title is "Career Edge - Knockdown the Lockdown : Batch 01". On the left, there's a "TABLE OF CONTENTS" sidebar with various learning modules like "DAY 10: Learn Corporate Telephone Etiquette" and "DAY 11: Understand Accounting Fundamentals". The main content area displays a video player with a woman in a sari speaking. Below the video, there's a comment section with one comment from "Aniket" about a sound issue. The bottom of the screen shows a taskbar with icons for various applications.

## Online Coding Details:

The screenshot shows a GitHub repository page for "alvas-education-foundation/Srilatha-K-Kamath-Daily-Report". The repository has 1 star and 0 forks. The "Code" tab is selected, showing a Java file named "largest.java". The code is as follows:

```

1 Given an array arr[] of the positive integers of size N, the task is to find the largest element on the left side of each index which is smaller
2
3 import java.util.*;
4 public class Main
5 {
6     public static void main(String[] args) {
7         Scanner sc=new Scanner(System.in);
8         int n,i;
9         int a[] = new int [10000];
10        int max, val;
11        int b[] = new int [10000];
12        n=sc.nextInt();
13        for(i=0;i<n;i++)
14        {
15            a[i]=sc.nextInt();
16        }
17        b[0]=-1;
18        //b[1]=a[0];
19        for(i=1;i<n;i++)
20        {
    
```

The GitHub interface includes a navigation bar with "Pull requests", "Issues", "Marketplace", and "Explore". The bottom of the screen shows a taskbar with various application icons.

**Format for uploading details in Github and Slack in word file format**

**Student Name : Suhas M S**

**Class and Sec : VI B**

**USN : 4AL17CS100**

<b>Online Test Details</b>			
<b>Subject</b>	<b>System Software and Compiler Design</b>		
<b>Semester</b>	<b>VI - B</b>	<b>Duration</b>	<b>46 Minutes</b>
<b>70%</b>		<b>21/30</b>	

**Encl : snapshot of the test result**



Start Test



Certification Course Details			
Course	Blockchain Essentials		
Certificate Provider	Cognitiveclass.ai	Duration	6 hours

Encl : snapshots of the daily class activities (atleast two snap shots)

Progress on 27-05-2020



Coding Challenges	
<b>Problem Statement:</b> Pro1(java): The largest element on left side of each index of array. Pro2(java): Binary tree using linked list. Pro3(c): No. of passes performed for bubble sort.	
<b>Status:</b> Completed	

Encl : snapshots of your response to challenge.





**Format for uploading details in Github and Slack in word file format**

**(Fill this format(docx) daily and upload it in both Github and Slack)**

**Student Name : SURYA PRAKASH S**

**Class and Sec : VI B**

**USN : 4AL17CS101**

<b>Online Test Details</b>			
<b>Subject</b>	<b>System Software and Compiler Design</b>		
<b>Semester</b>	<b>VI -B</b>	<b>Duration</b>	<b>45 Minutes</b>
<b>% of marks</b>		<b>63</b>	

**Encl : snapshot of the test result**



techgig.com/challenge/

5



suryaprakash01071999@gmail.com Logout

## Test Completed!

You have successfully participated in System Software and Compiler Design IA 2.

Rate this Test

Your Rating: ★★★★★ Click to Rate

Results      Analytics

Test 3 submitted

Problem Round 2

Your Score

**10**

/ 10

Test 1 submitted

MCQ

Your Score

**6**

/ 11

Test 2 submitted

Problem Round 1

Your Score

**3**

/ 9

## Certification Course Details

Course	Machine Learning With Python		
Certificate Provider	<a href="#">Cognitiveclass.ai</a>	Duration	12 hours

**Encl : snapshots of the daily class acitivities (atleast two snap shots)**

Cognitive Class acknowledges the following student accomplishment

This is to certify that  
**SURYA PRAKASH S**  
successfully completed and received a passing grade in  
**Machine Learning with Python**  
(ML0101ENV3, provided by Cognitive Class)  
A course on cognitiveclass.ai  
Powered by IBM Developer Skills Network.  
Issued by  
Cognitive Class  
Issued on:  
**May 27, 2020**  
Authenticity of this certificate can be validated by going to:  
<https://courses.cognitiveclass.ai/certificates/b003b0ec9d4342599ef06fabe8835aba>

More about SURYA PRAKASH S's accomplishment

 SURYA PRAKASH S  
SPS @ Cognitive Class      Certificate ID Number: b003b0ec9d4342599ef06fabe8835aba      Issued On: May 27, 2020

Course Discussion Wiki Resources Progress

Course > Certificates and Badges > Certificates and Badges > Certificates and Badges

◀ Previous      Next ▶

## Certificates and Badges

Bookmarked

### Get your badge

Congratulations! You already have this badge.

 **Machine Learning with Python - Level 1**  
The badge carrier demonstrates an understanding of Supervised vs. Unsupervised Learning, applications of different types of machine learning models, and how to build and evaluate machine learning models.

◀ Previous      Next ▶

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## Coding Challenges

**Problem Statement:** 1. Bubble sort 2. Binary tree 3. Array

**Status:** Completed

Uploaded the report both in Github & Slack	Yes
--	-----

**Encl : snapshots of your response to challenge.**

The screenshot shows a Java code editor and a terminal window. The code in the editor is a Java program named Main.java. It contains a main method and an inorderTraversal helper method. The main method initializes a binary tree and calls the inorderTraversal method. The inorderTraversal method prints the data of each node in the tree. The terminal window shows the output of the program, which is the data of the binary tree nodes in in-order: 1, 2, 3, 4, 5, 1, 3, 4, 2, 5, 1, 6, 3, 7. The program ends with a message indicating it finished with exit code 0.

```
Main.java
58     else {
59         if(node.left!= null)
60             inorderTraversal(node.left);
61         System.out.print(node.data + " ");
62         if(node.right!= null)
63             inorderTraversal(node.right);
64     }
65 }
66 }
67 }
68
69 public static void main(String[] args) {
70 }
```

Binary tree after insertion  
1  
Binary tree after insertion  
2 1 3  
Binary tree after insertion  
4 2 5 1 3  
Binary tree after insertion  
4 2 5 1 6 3 7

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

A screenshot of a C programming environment. The code in the editor is:

```
main.c
6     int array[MAXSIZE];
7     int i, j, num, temp;
8
9     printf("Enter the value of num \n");
10    scanf("%d", &num);
11    printf("Enter the elements one by one \n");
12    for (i = 0; i < num; i++)
13        input
```

The terminal window shows the program's output:

```
Enter the value of num
6
Enter the elements one by one
23
45
67
85
10
34
Input array is
23
45
67
85
10
34
Sorted array is...
10
23
34
45
67
85

Program finished with exit code 6
Press ENTER to exit console.
```

<https://github.com/SPSSURYA/Online-Coding-And-Certification-Course>

# Syed Hudaif Ibrahim

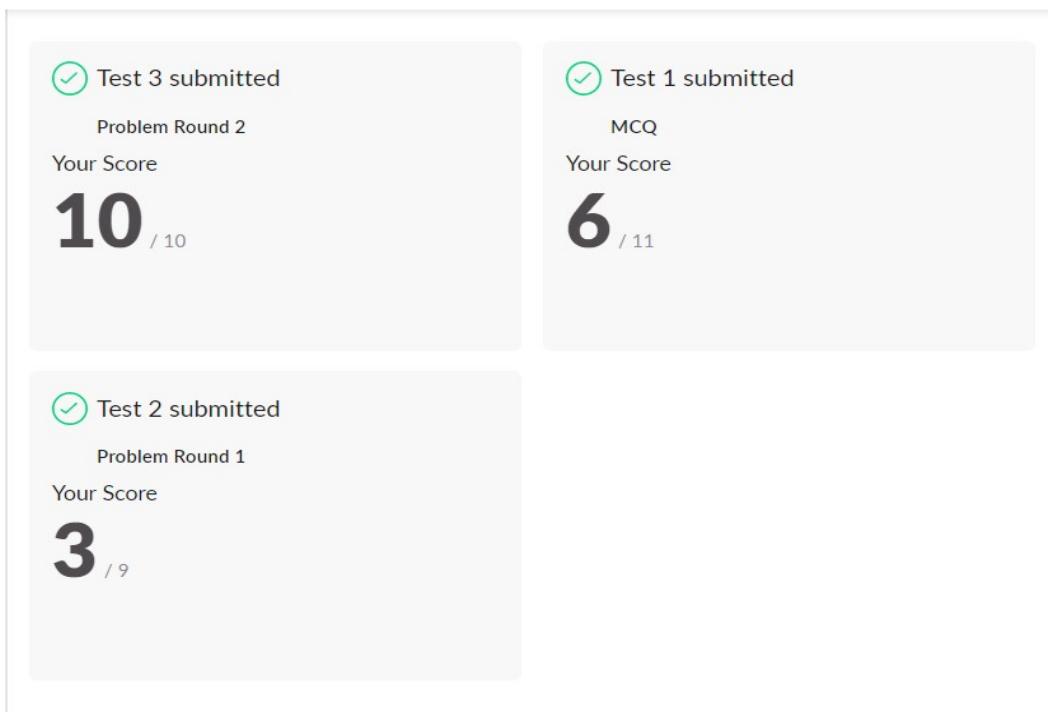
## DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/05/2020	Name:	Syed Hudaif Ibrahim
Sem & Sec	6 <sup>th</sup> /B	USN:	4AL17CS104
<b>Online Test Summary</b>			
Subject	SSCD IA Test – 2		
Max. Marks	30	Score	19
<b>Certification Course Summary</b>			
Course	Full Stack Web Developer		
Certificate Provider	Udemy	Duration	4 weeks
<b>Coding Challenges</b>			
<b>Problem Statement:</b>  3. Python Program to print all the numbers not divisible either by 3 or 2 lying between 1 & 50  4. Python Program to print given digit is palindrome or not			
<b>Status: Completed</b>			
Uploaded the report in GitHub	Yes		

If yes Repository name	<a href="https://github.com/SyedHudaif/Online-Coding-updates">https://github.com/SyedHudaif/Online-Coding-updates</a> <a href="https://github.com/SyedHudaif/Certification-course-updates">https://github.com/SyedHudaif/Certification-course-updates</a>
Uploaded the report in slack	Yes

### Online Test Details

SSCD TEST-2 Details:



### Online Certification Details

51	<a href="#">Bootstrap Progressbar</a>	
	Video - 10:00 mins	
52	<a href="#">Bootstrap 4 Tables 2</a>	
	Video - 04:22 mins	
53	<a href="#">Bootstrap 4 Tables</a>	
	Video - 12:02 mins	
54	<a href="#">Bootstrap List Group</a>	
	Video - 09:06 mins	
55	<a href="#">Bootstrap Paginations</a>	
	Video - 07:18 mins	
56	<a href="#">Bootstrap breadcrumb</a>	
	Video - 03:19 mins	
57	<a href="#">Bootstrap Cards</a>	
	Video - 14:44 mins	
58	<a href="#">BootStrap Collapsibles</a>	
	Video - 14:38 mins	
59	<a href="#">Bootstrap 4 Nav</a>	
	Video - 04:53 mins	
60	<a href="#">bootstrap 4 navbar</a>	
	Video - 07:20 mins	
61	<a href="#">Bootstrap 4 navpills</a>	

### Coding Challenge Details

1. Python Program to print all the numbers not divisible either by 3 or 2 lieing between 1 &50

```
main.py
1 num = int(input("Enter the number\n"))
2 n =num
3 rev= 0
4 while(n>0):
5     rem = n%10
6     rev = (rev*10)+rem
7     n = n//10
8 if(rev == num):
9     print("The number is palindrome")
10 else:
11     print("The number is not a palindrome")
12 |
13 |
```

Enter the number  
123321  
The number is palindrome

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

2. Python Program to print given digit is palindrome or not.

```
main.py
1 a = [i for i in range(1,51) if(i%2!=0 and i%3!=0)]
2 print(a)
3
4 |
```

input  
[1, 5, 7, 11, 13, 17, 19, 23, 25, 29, 31, 35, 37, 41, 43, 47, 49]

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

Spoorthi M S

### **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	27/05/2020		<b>Name:</b>	Spoorthi MS		
<b>Sem &amp; Sec</b>	6 <sup>th</sup> /B		<b>USN:</b>	4AL17CS097		
<b>Online Test Summary</b>						
<b>Subject</b>	SSCD IA Test - 2					
<b>Max. Marks</b>	30	<b>Score</b>	19			
<b>Certification Course Summary</b>						
<b>Course</b>	Web Development with python and JavaScript					
<b>Certificate Provider</b>	Harvard University	<b>Duration</b>	12weeks			
<b>Coding Challenges</b>						
<b>Problem Statement:</b>						
5. Python Program to print all the numbers not divisible either by 3 or 2 lieing between 1 &50 6. Python Program to print given digit is palindrome or not						
<b>Status: Completed</b>						
<b>Uploaded the report in GitHub</b>	Yes					
<b>If yes Repository name</b>	<a href="https://github.com/msspoorthi/onlinecoding">https://github.com/msspoorthi/ onlinecoding</a>					
<b>Uploaded the report in slack</b>	Yes					

## Online Test Details

SSCD TEST-2 Details:

This site uses cookies so that we can remember you and understand how you interact with our website. This allows us to improve and customize your browsing experience.  
To find out more about the cookies we use, see our [Cookies Policy](#).

OK

## Online Certification Details

### Lesson

#### Django

```
^Cauthentication $ python manage.py shell
Python 3.6.1 (v3.6.1:db0f50, Mar 21 2017, 01:21:04)
Type 'copyright', 'credits' or 'license' for more information
IPython 6.1.0 -- An enhanced Interactive Python. Type '?' for help.

In [1]: from django.contrib.auth.models import User
In [2]: user = User.objects.create_user("alice", "alice@something.com", "alice12345")
In [3]: user.first_name = "Alice"
In [4]: user.save()
In [5]:
```

### **Coding Challenge Details**

1. Python Program to print all the numbers not divisible either by 3 or 2 lieing between 1 &50
2. Python Program to print given digit is palindrome or not.

## Shreetal Kalabandi

### **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	23 <sup>rd</sup> may 2020	Name:	Shreetal Kalabandi
Sem & Sec	6 <sup>th</sup> sem 'B'	USN:	4al17cs091
<b>Online Test Summary</b>			
Subject	SSCD		
Max. Marks	30	Score	22
<b>Certification Course Summary</b>			
Course	Python for Data science(completed 1 <sup>st</sup> module)		
Certificate Provider	Cognitioclass.ai	Duration	2.5 hrs spent today.
<b>Coding Challenges</b>			
Problem Statement:_ : Pgm1(java): The largest element on left side of each index of array. Pgm2(java): Binary tree using linked list. Pgm3(c): No. of passes performed for bubble sort			
Status:Completed			
Uploaded the report in Github	yes		
If yes Repository name	<a href="https://github.com/Shreetal/Dailyreport">https://github.com/Shreetal/Dailyreport</a>		
Uploaded the report in slack	Yes		

[GitHub](#) Review Questions | Review Que... [+](#)

courses.cognitiveclass.ai/courses/course-v1:Cognitiveclass+PY0101EN+v2/courseware/407a9f86565c44189740699636b4fb85/5f1484382669496ca959b429a604b490/?child=last

Apps Gmail YouTube Maps Thank you for dow... Deep Learning Onr...

You can check your grades by clicking on **Progress** in the top menu.

---

### Review Question 1

1/1 point (graded)

What is the result of the following operation in Python:

`3 + 2 * 2`

10

7 ✓

9

12

**Submit** You have used 1 of 2 attempts

Activate Windows  
Save Go to Settings to activate Windows.

✓ Correct (1/1 point)

Type here to search

3:35 PM 27-May-20

[GitHub](#) Review Questions | Review Que... [+](#)

courses.cognitiveclass.ai/courses/course-v1:Cognitiveclass+PY0101EN+v2/courseware/407a9f86565c44189740699636b4fb85/5f1484382669496ca959b429a604b490/?child=last

Apps Gmail YouTube Maps Thank you for dow... Deep Learning Onr...

---

### Review Question 3

1/1 point (graded)

In Python, if you executed `var = '01234567'`, what would be the result of `print(var[::2])` ?

0246 ✓

1357

1234567

8903

**Submit** You have used 1 of 2 attempts

Activate Windows  
Save Go to Settings to activate Windows.

✓ Correct (1/1 point)

---

### Review Question 4

Type here to search

3:35 PM 27-May-20

(no subject) - shreetalkalabandi@gmail.com x Largest Tech Community | Hackathon x +

techgig.com/challenge/result/problem-round-2/aHhIN1NZUmhrckM5STIHQ2Noakl4Zz09

Apps Gmail YouTube Maps Thank you for dow... Deep Learning Onr...

shreetalkalabandi@gmail.com Logout

Results Analytics

Test 3 submitted  
Problem Round 2  
Your Score  
**10** / 10

Test 1 submitted  
MCQ  
Your Score  
**6** / 11

Test 2 submitted  
Problem Round 1  
Your Score  
**6** / 9

Activate Windows  
Go to Settings to activate Windows.

Type here to search 10:10 AM 27-May-20

Github Review Questions | Review Que... +

courses.cognitiveclass.ai/courses/course-v1:Cognitiveclass+PY0101EN+v2/courseware/407a9f86565c44189740699636b4fb85/5f1484382669496ca959b429a604b490/?child=last

Apps Gmail YouTube Maps Thank you for dow... Deep Learning Onr...

Review Question 5  
1/1 point (graded)

Given `myvar = 'hello'`, how would you convert `myvar` into uppercase?

len(`myvar`)  
 `myvar.find('hello')`  
 `myvar.upper()` ✓  
 `myvar.sum()`

**Submit** You have used 1 of 2 attempts Save

Correct (1/1 point)

Activate Windows  
Go to Settings to activate Windows.

Type here to search Previous Next 3:34 PM 27-May-20

```
Enter the no. of elements: 5
Enter the elements into array: 4
7
6
8
5
1 4 4 7 4 |
```

```
Enter the no. of elements: 3
Enter the elements into array: 2
5
10
1 2 5 |
```

```
Binary tree after insertion
1
Binary tree after insertion
2 1 3
Binary tree after insertion
4 2 5 1 3
Binary tree after insertion
4 2 5 1 6 3 7 |
```

```
Enter number of elements in the array:
5
Enter 5 integers
5
1
4
2
8
No. of passes to perform sorting : 2
Printing the sorted array:
1 2 4 5 8
```

GitHub Review Questions | Review Que... courses.cognitiveclass.ai/courses/course-v1.Cognitiveclass+PY0101EN+v2/courseware/407a9f86565c44189740699636b4fb85/5f1484382669496ca959b429a604b490/?child=last

Apps Gmail YouTube Maps Thank you for dow... Deep-Learning Onr...

✓ Correct (1/1 point)

Review Question 4  
1/1 point (graded)

In Python, what is the result of the following operation `'1'+'2'`

'2'  
 '3'  
 '12' ✓  
 3

**Submit** You have used 1 of 2 attempts

Save Activate Windows Go to Settings to activate Windows.

✓ Correct (1/1 point)

Type here to search

3:34 PM 27-May-20

Ankit Shetty

## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	27-05-2020	Name:	Ankit Shetty
Sem & Sec	6 <sup>th</sup> B	USN:	4AL17CS086
<b>Online Test Summary</b>			
Subject	SSCD IA-2		
Max. Marks	30	Score	18
<b>Certification Course Summary</b>			
Course	Data Visualization using python		
Certificate Provider	Great Learning	Duration	4 hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1)python program to check if a number is palindrome  2) Python program to print all integers that aren't divisible either by 2 or 3 and lie between 1 and 50			
<b>Status:</b> completed			
Uploaded the report in Github	yes		
If yes Repository name	<a href="https://github.com/foundation/ankit/tree/master/daily_progress">foundation/ankit/tree/master/ daily_progress</a>		

<b>Uploaded the report in slack</b>	<b>yes</b>
-------------------------------------	------------

## online test details

Hi Ankit Shetty,  
You have scored 5 marks in MCQ.  
Next Up: Round 2 (Multiple Choice)  
[Start Round 2](#)

About The Assessment  
System Software and Compiler Design IA 2  
Round 1 ends on: 27 May, 2020

Warm Regards,  
TechGig Team

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Noida - 201301, Uttar Pradesh, India

Note: For your privacy and protection, please do not forward this mail to anyone as it allows you to get automatically logged into your account.

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Ankit Shetty, Round 3 cleared [Inbox](#)

TechGig <user@techgig.com> Unsubscribe to me 9:50 AM (13 hours ago)

Congratulations! Ankit Shetty.  
You've cleared Round 3 and scored 10/10 in System Software and Compiler Design IA 2. That's the maximum score one can reach in this assessment. View and share your achievement.

[View Achievement](#)

About The Assessment  
System Software and Compiler Design IA 2  
Round 3 ends on: 27 May, 2020 (10 Minutes)

Warm Regards,  
TechGig Team

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# Certification details

The screenshot shows a web browser window with the URL [olympus.greatlearning.in/courses/10900](https://olympus.greatlearning.in/courses/10900). The page displays a course dashboard for a Python course. It includes sections for 'NumPy documentation' and 'Pandas documentation' with 'VISIT' buttons. Below these are sections for 'Practice Assessment' (containing a 'Practice Exercise' with an 'Evaluation Pending' status) and 'Assignment Solution' (containing a file named 'Pandas Lab Exercise (Kaggle Games Dataset)- Solutions.ipynb'). At the bottom, there's a 'Claim your course certificate' section with a button to 'Claim your course certificate' and a note 'Your Score: 1/1'. The footer of the browser window shows standard links like Home, Live Sessions, Certificates, and a 'My Courses' button.

The screenshot shows a PDF document titled 'Ankit Shetty (1).pdf' open in Adobe Acrobat Reader DC. The document is a certificate of completion for 'Data Visualization using Python'. It features the Great Learning logo at the top, followed by the title 'Certificate of completion'. Below it, it says 'Presented to' and lists the recipient's name, 'Ankit Shetty'. It also states 'For successfully completing a free online course' and specifies the course title. At the bottom, it says 'Provided by' and lists 'Great Learning Academy' with the date '(On May 2020)'. A QR code is present at the bottom right. The right side of the interface shows various tools and options for PDF management. The taskbar at the bottom of the screen shows the Windows Start button, a search bar, and several pinned application icons.

Coding Problems

Program1 & Program2

The screenshot shows a Jupyter Notebook running on a Windows desktop. The browser tab is titled "localhost:8888/notebooks/Numpy\_and\_its\_functions.ipynb". The notebook interface includes a toolbar with File, Edit, View, Insert, Cell, Kernel, Widgets, Help, and a Python 3 kernel selector. A status bar at the bottom indicates "Not Trusted". The code cell In [13] contains a script to check if a number is a palindrome. The code cell In [14] contains a script to print prime numbers from 1 to 51. The output shows the results of both scripts.

```

In [13]: num = int(input("Enter the number\n"))
n = num
rev = 0
while(n>0):
    rem = n%10
    rev = (rev*10)+rem
    n = n//10
if(rev == num):
    print("The number is palindrome")
else:
    print("The number is not a palindrome")
Enter the number
434
The number is palindrome

In [14]: a = [i for i in range(1,51) if(i%2!=0 and i%3!=0)]
print(a)

[1, 5, 7, 11, 13, 17, 19, 23, 25, 29, 31, 35, 37, 41, 43, 47, 49]

```

**Sneha K Bakale**

## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	27-05-2020	Name:	Sneha K Bakale
Sem & Sec	6 <sup>th</sup> B	USN:	4al17cs095
<b>Online Test Summary</b>			
Subject	SSCD		
Max. Marks	30	Score	26
<b>Certification Course Summary</b>			
Course	Introduction of Cyber Security		
Certificate Provider	Great learning Academy	Duration	7.0 hours

<b>Coding Challenges</b>	
<b>Problem Statement: Programs given</b>	
<b>Status: Completed</b>	
<b>Uploaded the report in Github</b>	<b>Yes</b>
<b>If yes Repository name</b>	<b><a href="https://github.com/Sneha35/OnlineCourse-And-Coding.git">https://github.com/Sneha35/OnlineCourse-And-Coding.git</a></b>
<b>Uploaded the report in slack</b>	<b>Yes</b>

Online Test Details: (Attach the snapshot and briefly write the report for the same)

# Test Completed!

You have successfully participated in System Software and Compiler Design IA 2.

**Rate this Test**

Your Rating: ★★★★★ • Click to Rate

---

**Results**      Analytics

Test 3 submitted  
Problem Round 2  
Your Score  
**10** / 10

Test 1 submitted  
MCQ  
Your Score  
**7** / 11

Test 2 submitted  
Problem Round 1  
Your Score  
**9** / 9

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

The screenshot shows a greatlearning learning management system. At the top, there's a navigation bar with 'greatlearning Learning for Life', 'Home', 'Live Sessions', 'My Courses' (with a user icon), and a search bar. Below the navigation is a breadcrumb trail: 'Courses / Introduction to Cyber security / Introduction to Cryptography'. A video player window is open, titled 'Introduction to Cryptography'. The video content is about 'Electronic Codebook (ECB) mode'. It includes a diagram illustrating ECB mode encryption where a message is divided into blocks and each block is encrypted separately using the same key. It also shows the corresponding decryption process. The video player has a progress bar at 27:32 and a 1x speed indicator. On the left side of the main content area, there's a sidebar with sections like 'Content', 'Learning Videos' (including 'Blockchain in Cybersecurity', 'Career and Industry Landscape', 'Governance and Risk', 'Introduction to Cryptography' - which is currently selected and highlighted in blue), 'Secure System Design', 'Threats and Vulnerabilities', and 'What Is Cybersecurity'. There are also 'Quiz' and 'Claim Your Course Certificate' sections.

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same) **Output:**

```
Enter the no. of elements: 5
Enter the elements into array: 4
7
6
8
5
1 4 4 7 4 |
```

```
Enter the no. of elements: 3
Enter the elements into array: 2
5
10
1 2 5 |
```

**Output:**

```
Binary tree after insertion
1
Binary tree after insertion
2 1 3
Binary tree after insertion
4 2 5 1 3
Binary tree after insertion
4 2 5 1 6 3 7 |
```

**SHWETHA M S**

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	27-05-2020	<b>Name:</b>	SHWETHA M S
<b>Sem &amp; Sec</b>	6 <sup>th</sup> and B	<b>USN:</b>	4AL17CS093
<b>Online Test Summary</b>			
<b>Subject</b>	SSCD (2 <sup>ND</sup> IA TEST)		
<b>Max. Marks</b>	30	<b>Score</b>	22
<b>Certification Course Summary</b>			
<b>Course</b>	PYTHON FOR MACHINE LEARNING		
<b>Certificate Provider</b>	Greatlearning academy	<b>Duration</b>	1 WEEK
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Given an array of the positive integers of size N, the task is to find the largest element on the left side of each index which is smaller than the element present at that index. Note: If no such element is found then print -1.			
<b>Status:</b> Completed			
<b>Uploaded the report in Github</b>	Yes		
<b>If yes Repository name</b>	<a href="https://github.com/ShwethaKhadri/Shwetha-M-S.git">https://github.com/ShwethaKhadri/Shwetha-M-S.git</a>		

Uploaded the report in slack	Shwetha M S Yes, I uploaded the report in slack
------------------------------	--

## SNAPSHOT OF SECOND IA TEST MARKS:

The screenshot shows a web browser window with the URL [techgig.com/challenge/result/problem-round-2/STZFOXVMYXNsdlWlxbDZucIFOYEyQT09](https://techgig.com/challenge/result/problem-round-2/STZFOXVMYXNsdlWlxbDZucIFOYEyQT09). The page displays results for two rounds of a challenge.

**Results** tab is selected.

**Problem Round 2**

- Test 3 submitted: Your Score **10 / 10**
- Test 1 submitted: MCQ Your Score **6 / 11**

**Problem Round 1**

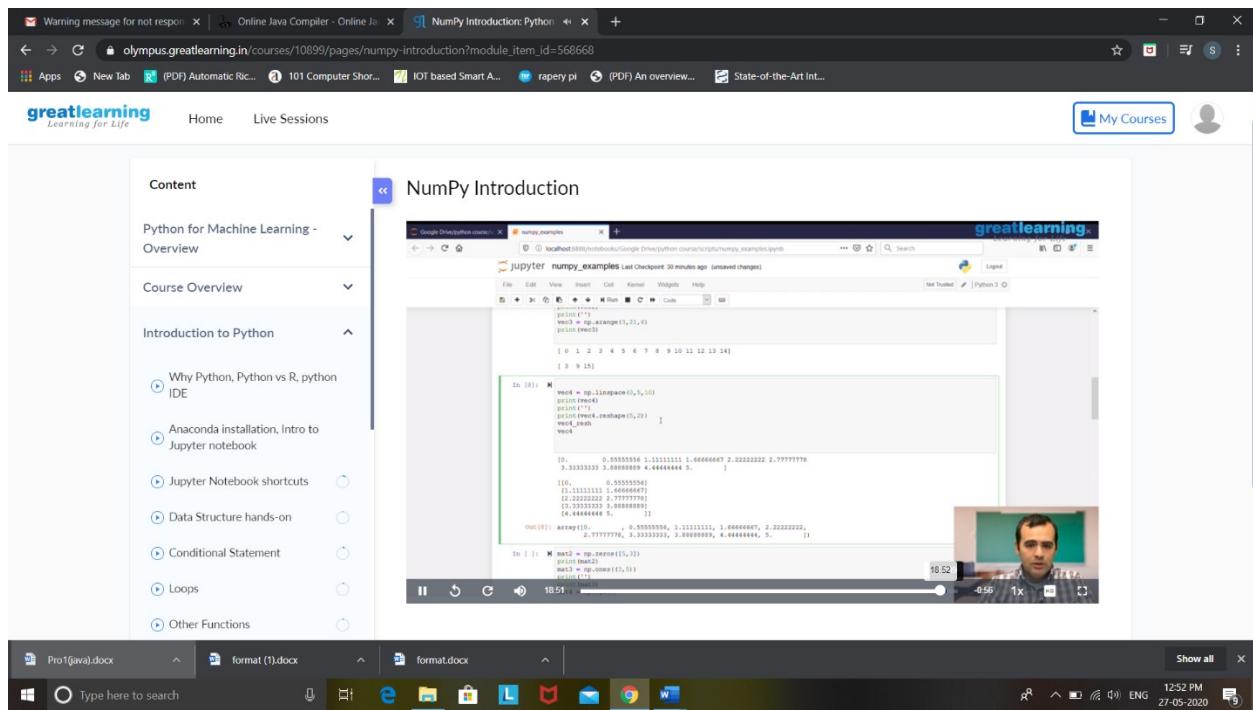
- Test 2 submitted: Your Score **6 / 9**

# SNAPSHOT OF ONLINE CERTIFICATION COURSE:

## SCREENSHOT1:

The screenshot shows a web browser window with the URL [olympus.greatlearning.in/courses/10899/pages/numpy-introduction?module\\_item\\_id=568668](https://olympus.greatlearning.in/courses/10899/pages/numpy-introduction?module_item_id=568668). The browser tabs include 'Warning message for not responding', 'Online Java Compiler - Online Java...', 'NumPy Introduction: Python', and '+'. The sidebar on the left contains a 'Content' section with links to 'Python for Machine Learning - Overview', 'Course Overview', and 'Introduction to Python'. Under 'Introduction to Python', there are several sub-links: 'Why Python, Python vs R, python IDE', 'Anaconda installation, Intro to Jupyter notebook', 'Jupyter Notebook shortcuts', 'Data Structure hands-on', 'Conditional Statement', 'Loops', and 'Other Functions'. The main content area is titled 'NumPy Introduction' and displays a Jupyter notebook titled 'numpy\_examples'. The notebook contains code snippets and explanatory text about NumPy. In the bottom right corner, there is a video player window showing a person speaking, likely a instructor or tutor.

## SCREENSHOT2:



## SNAPSHOT OF ONLINE CODING:

### JAVA PROGRAM 1:

Warning message for not respon x Online Java Compiler - Online Ja x +

← → C jdoodle.com/online-java-compiler/

Apps New Tab (PDF) Automatic Ric... 101 Computer Shor... IOT based Smart A... rapery pi (PDF) An overview... State-of-

```
1 import java.util.*;
2 public class Array{
3     public static void main(String []args){
4         Scanner s=new Scanner(System.in);
5         System.out.print("Enter the no. of elements: ");
6         int n=s.nextInt();
7         int a[]={};
8         System.out.print("Enter the elements into array: ");
9         for(int i=0;i<n;i++)
10        {
11            a[i]=s.nextInt();
12        }
13        int b[]={};
14        int k=0;
15        b[k++]=1;
16        for(int i=1;i<n;i++)
17        {
18            int max=a[0];
19            for(int j=0;j<i;j++)
20            {
21                if(a[j]<a[i])
22                {
23                    if(max<a[j])
24                    {
25                        max=a[j];
26                    }
27                }
28            }
29            b[k++]=max;
30        }
31        for(int i=0;i<k;i++)
32        {
33            System.out.print(b[i]+" ");
34        }
35    }
36}
37 }
```

## OUTPUT:

```
Enter the no. of elements: 3
Enter the elements into array: 2
5
10
1 2 5 |
```

# **DAILY REPORT**

**27.5.20**

**Student Name :SUSHMITHA.B.POJARY**

**Class and Sec : VI B**

**USN :4AL17CS103**

<b>Online Test Details</b>			
<b>Subject</b>	<b>SSCD</b>		
<b>Semester</b>	<b>VI -B</b>	<b>Duration</b>	<b>45 Minutes</b>
<b>% of marks 30</b>		<b>11</b>	

The screenshot shows a web browser window with two tabs open. The active tab is titled "Largest Tech Community | Hackathon" and displays results for a challenge. The results are organized into three sections: "Test 3 submitted" (Problem Round 2), "Test 1 submitted" (MCQ), and "Test 2 submitted" (Problem Round 1). Each section shows a score of 5, 6, and 0 respectively, out of 10, 11, and 9. The browser interface includes a search bar, a taskbar with various icons, and a system tray at the bottom.

Great Learning

Largest Tech Community | Hackathon

techgig.com/challenge/result/problem-round-2/NE4xaCt4cUR3b04wL3INMDIYeHZ4Zz09

Logout

Test 3 submitted  
Problem Round 2  
Your Score  
**5** / 10

Test 1 submitted  
MCQ  
Your Score  
**6** / 11

Test 2 submitted  
Problem Round 1  
Your Score  
**0** / 9

Certification Course Details	
Course	FRONT END DEVELOPMENT HTML

<b>Certificate Provider</b>	<b>GREAT LEARNING</b>	<b>Duration</b>	<b>3.5HRS</b>
-----------------------------	-----------------------	-----------------	---------------

gl 37. Relationship between Ele x TB Largest Tech Community | Hacka x | G How are default dimensions of a x | G How are default dimensions of a x | +

olympus.greatlearning.in/courses/12761/pages/37-relationship-between-elements?module\_item\_id=546703

greatlearning Learning for Life My Courses

Home Live Sessions

33. Inline Elements

- Inline Elements

34. Inline VS Blocks

- Inline Vs Blocks

35. ID

- ID

36. Classes

- Classes

37. Relationship between Elements

- Relationship between elements

Frontend Assignment

◀ Previous Next ▶

online\_activities\_r...docx CamScanner 05-26...pdf Show all

Type here to search

R 10:44 ENG 27-05-2020

```

<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Document</title>
  </head>
  <body>
    <div>
      <p>g elit. Architecto necessitatibus i, quo ratione, odio tempora a laboriosas praesentium!<br/>g elit. Alias asperiores minus ipsa endi ea nesciunt soluta aut</p>
    </div>
  </body>
</html>

```



## Certificate of completion

Presented to

Sushmitha B Poojary

For successfully completing a free online course

Front end Development - HTML

Provided by  
Great Learning Academy  
(On May 2020)

## Coding Challenges

**Problem Statement:** 1. Given an array arr[] of the positive integers of size N, the task is to find the largest element on the left side of each index which is smaller than the element present at that index. Note: If no such element is found then print -1. 2. Write a Java program to implement Binary Tree using the Linked List

3. Bubble sort

**Status: COMPLETED**

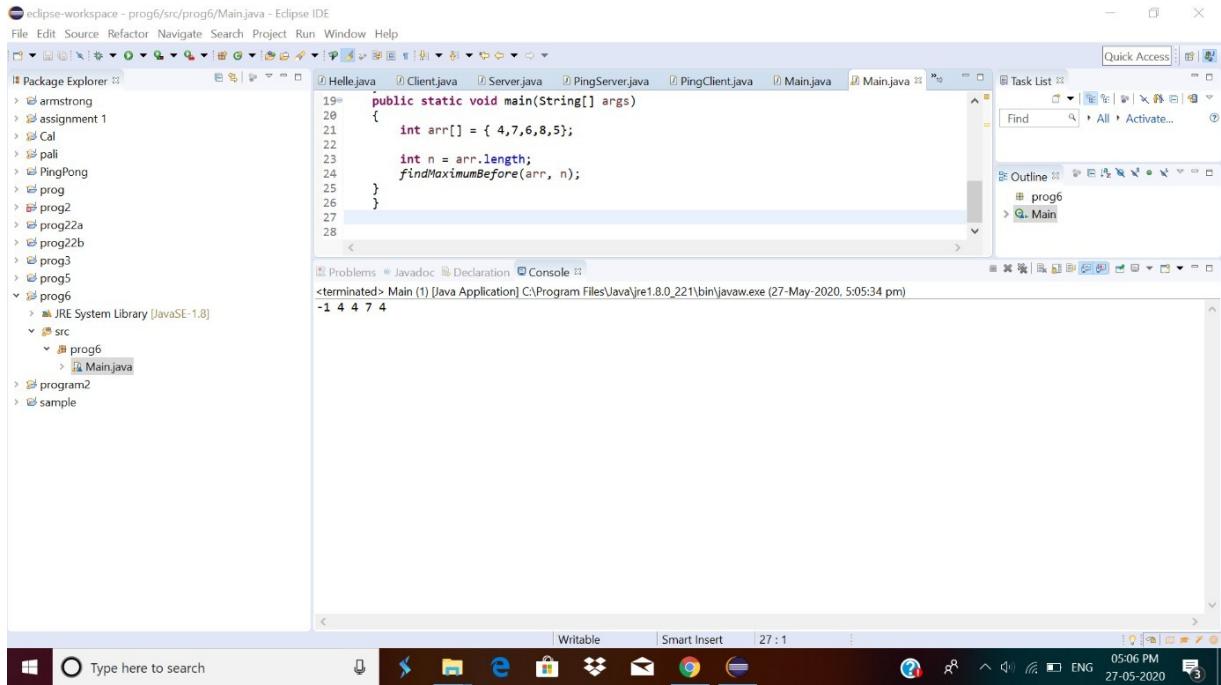
Uploaded the report both in Github & Slack	YES
--	-----

7. Given an array arr[] of the positive integers of size N, the task is to find the largest element on the left side of each index which is smaller than the element present at that index. Note: If no such element is found then print -1.

Import java.util.\*;

```
class Main{  
  
    static void findMaximumBefore(int arr[],int n)  
    { for (int i = 0; i < n; i++) {  
  
        int currAns = -1;  
  
        for (int j = i - 1; j >= 0; j--) {  
  
            if (arr[j] > currAns &&  
                arr[j] <  
                arr[i])  
            { currAns =  
                arr[j];  
  
            }  
  
        }  
  
        System.out.print(currAns+ " ");  
  
    }  
  
    public static void main(String[] args)  
    {  
        int arr[] = { 4,7,6,8,5};  
        int n = arr.length;  
        findMaximumBefore(arr,  
        n);  
    }  
}
```

## Output:



8. Write a Java program to implement Binary Tree using the Linked List

In this program, we need to create the binary tree by inserting nodes and displaying nodes in in-order fashion. A typical binary tree can be represented as following:

### **Java program to implement Binary Tree using the Linked List**

In the binary tree, each node can have at most two children. Each node can have zero, one or two children. Each node in the binary tree contains the following information:

Java program to implement Binary Tree using the Linked List Data that represents value stored in the node.

Left that represents the pointer to the left child. Right that represents the pointer to the right child.

### **Algorithm**

Define Node class which has three attributes namely: data left and right. Here, left represents the left child of the node and right represents the right child of the node.

When a node is created, data will pass to data attribute of the node and both left and right will be set to null.

Define another class which has an attribute root.

Root represents the root node of the tree and initialize it to null.

1. insert() will add a new node to the tree:

It checks whether the root is null, which means the tree is empty. It will add the new node as root.

Else, it will add root to the queue.

The variable node represents the current node.

First, it checks whether a node has a left and right child. If yes, it will add both nodes to queue.

If the left child is not present, it will add the new node as the left child.

If the left is present, then it will add the new node as the right child.

a. Inorder() will display nodes of the tree in inorder fashion.

It traverses the entire tree then prints out left child followed by root then followed by the right child.

```
public class BinarySearchTree {  
  
    public static class Node{  
  
        int data;  
  
        Node left;  
  
        Node right;  
  
        public Node(int data){  
  
            this.data = data; this.left = null; this.right = null;  
        }  
    }  
  
    public Node root; public BinarySearchTree(){
```

```
root = null;

}

public int factorial(int num) {

    int fact = 1;

    if(num == 0) return 1;

    else {

        while(num > 1)

        {

            fact = fact * num; num--;

        }

        } return fact;

    } public int numOfBST(int key)

    {

        int catalanNumber = factorial(2 * key)/(factorial(key + 1) *

factorial(key));

        return catalanNumber;

    } public static void main(String[] args)

    {

        BinarySearchTree bt = new BinarySearchTree();

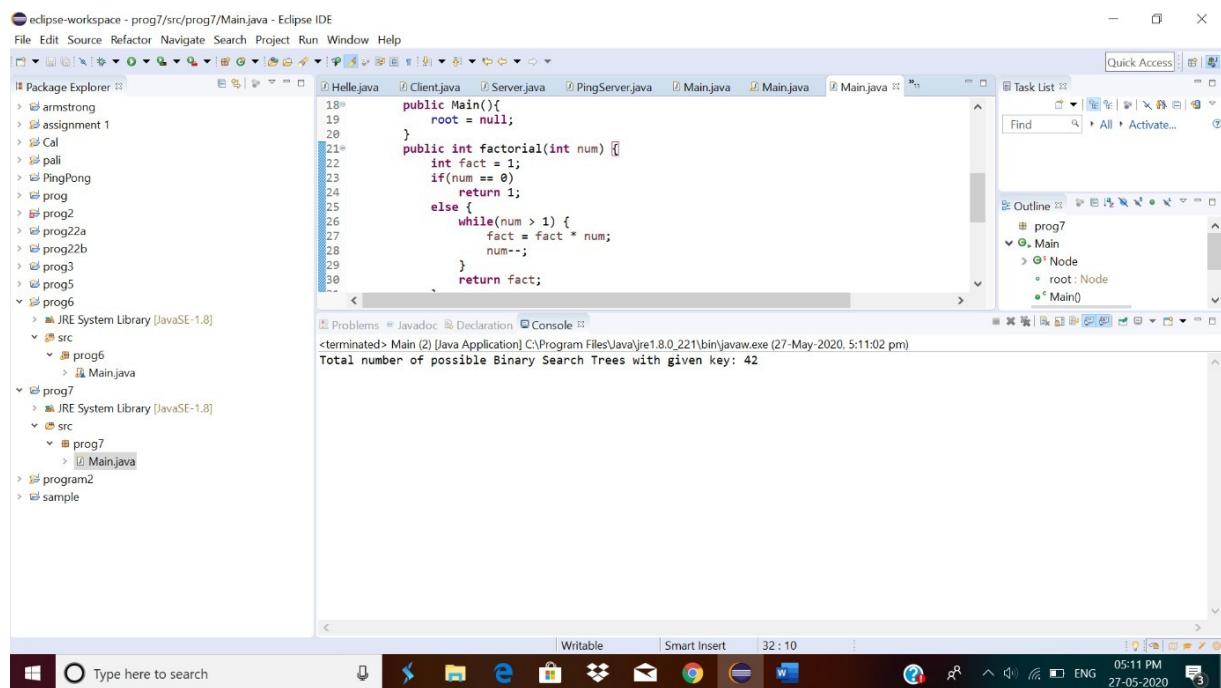
        System.out.println("Total number of possible Binary Search

Trees with given key: " + bt.numOfBST(5));

    }
```

```
}
```

```
public static void main(String[] args)
{ BinarySearchTree bt = new
BinarySearchTree();
}}
```



9. In Bubble sort, each pass consists of comparison each element in the file with its successor (i.e.  $x[i]$  with  $x[i+1]$ ) and interchanging two elements if they are not in the proper order. The array may be sorted in any pass. If the array is sorted, then remaining passes should be skipped off. Write a C Program to

sort an array of integers in ascending order and display the sorted array and Number of passes performed for sorting.

```
#include <stdio.h>
```

```

int main(){
    int array[100], n, c, d, swap;
    printf("Enter number of elements\n"); scanf("%d", &n);
    printf("Enter %d integers\n", n);
    for (c = 0; c < n; c++)
        scanf("%d", &array[c]);
    for (c = 0 ; c < n - 1; c++){
        for (d = 0 ; d < n - c - 1; d++){
            if (array[d] > array[d+1]) /* For decreasing order use < */
            {
                swap      =
                    array[d];
                array[d] =
                    array[d+1];
                array[d+1] =
                    swap;
            }
        }
    }

    printf("Sorted list in ascending order:\n");
    for (c = 0; c < n; c+
    +)    printf("%d\n",
        array[c]);
    return 0;
}

```

**Output:**

The screenshot shows a web-based online C compiler interface. The code editor contains a C program named 'main.c' which reads integers from the user and prints them in ascending order. The terminal window shows the execution of the program, including the input of 5 integers (23, 5, 4, 7, 8) and the output of the sorted list (4, 5, 7, 8, 23). The status bar at the bottom indicates the program finished with exit code 0.

```
#include <stdio.h>
int main()
{
    Enter number of elements
    5
    Enter 5 integers
    23
    5
    4
    7
    8
    Sorted list in ascending order:
    4
    5
    7
    8
    23

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

Shilpa S.U

## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	27MAY2020	Name:	Shilpa S.U
Sem & Sec	VI & B	USN:	4AL17CS090
<b>Online Test Summary</b>			
Subject	System Software and Compiler Design		
Max. Marks	30	Score	19
<b>Certification Course Summary</b>			
Course	Machine Learning with python		
Certificate Provider	Cognitive class	Duration	10 hours
<b>Coding Challenges</b>			
<p>10. <b>Problem Statement:</b> Write a C program to sort a given elements one by one in ascending order using sorting algorithm.</p> <p>11. Write a java program print various operation in binary tree such as inorder Traversal.</p>			
<b>Status:</b> Done			
Uploaded the report in Github	Yes		
If yes Repository name	Daily Status		

<b>Uploaded the report in slack</b>	<b>Yes</b>
-------------------------------------	------------

**Online Test Details:** (Attach the snapshot and briefly write the report for the same)

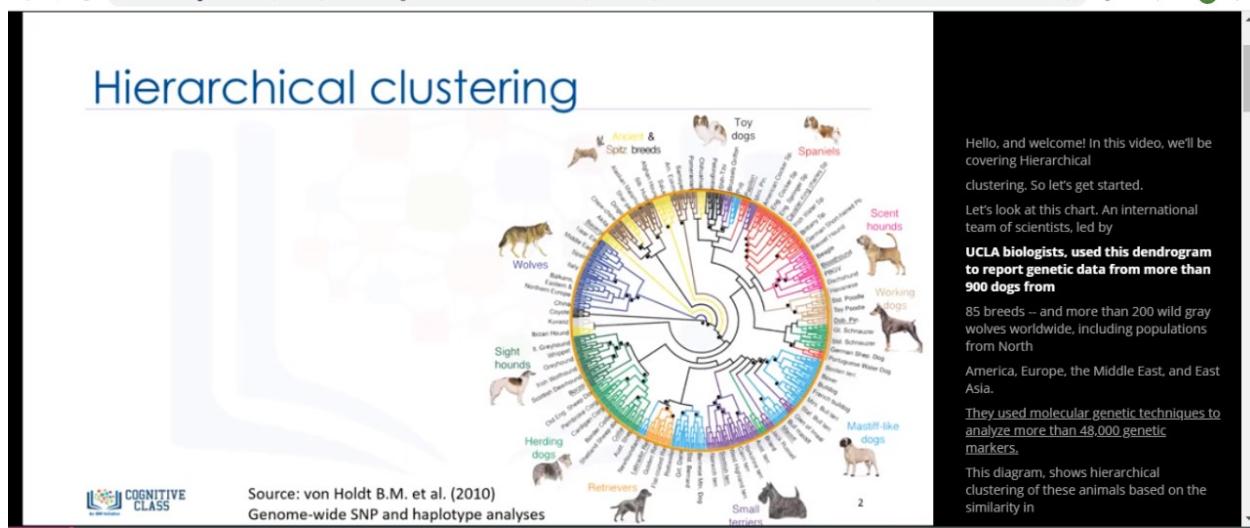
The screenshot shows a web browser window with the URL [techgig.com/challenge/result/problem-round-2/dThzQ0kwblVGTvY3RTVCdkFDUmVYZz09](https://techgig.com/challenge/result/problem-round-2/dThzQ0kwblVGTvY3RTVCdkFDUmVYZz09). The page displays the results of three tests submitted by the user:

- Test 3 submitted (Problem Round 2):** Your Score **10 / 10**
- Test 1 submitted (MCQ):** Your Score **6 / 11**
- Test 2 submitted (Problem Round 1):** Your Score **3 / 9**

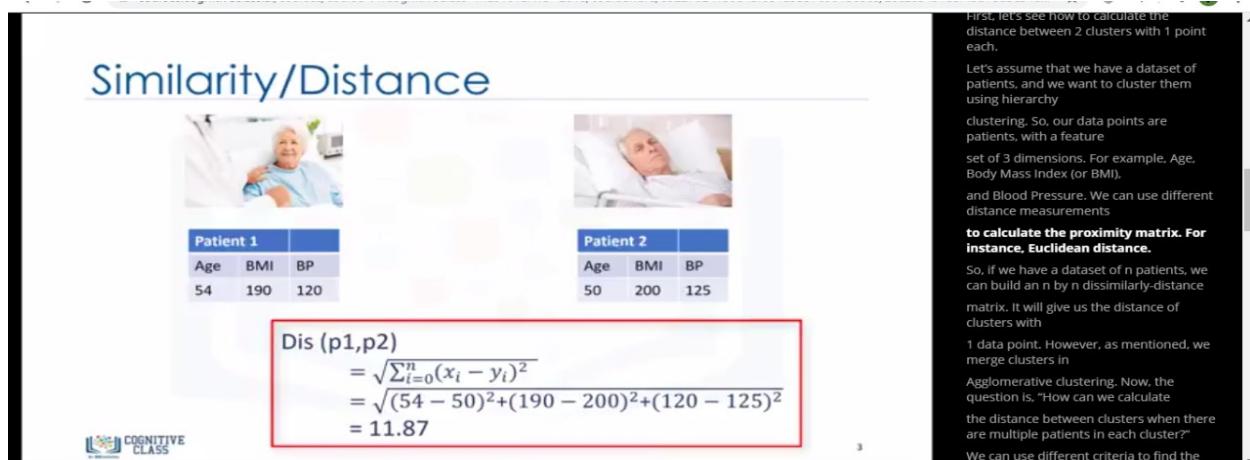
The browser's taskbar at the bottom shows various pinned and open application icons. The system tray indicates the date as 27-05-2020 and the time as 09:56.

**Certification Course Details:** (Attach the snapshot and briefly write the report for the same)

1.



2.



3.



4.

The screenshot shows a Jupyter Notebook environment. On the left, there is a sidebar with a tree view of available models. The main area displays the documentation for the `AgglomerativeClustering` class. It explains that the class requires two inputs: `n_clusters` (set to 4) and `linkage` ('complete'). It also notes that the `average` linkage criterion is recommended. Below the documentation, there are three code cells. The first cell contains the import statement and the creation of the `AgglomerativeClustering` object. The second cell contains the `fit` method call. The third cell contains a plotting command. A watermark for "Activate Windows" is visible at the bottom right.

## BRIEF REPORT:

- 1) Hierarchical clustering is typically visualized as a dendrogram as shown on this slide.
  - \* Each merge is represented by a horizontal line.
  - \* The y-coordinate of the horizontal line is the similarity of the two clusters that were merged, where cities are viewed as singleton clusters.
  - \* By moving up from the bottom layer to the top node, a dendrogram allows us to reconstruct the history of merges that resulted in the depicted clustering.
  - \* Essentially, Hierarchical clustering does not require a pre-specified number of clusters.
  - \* However, in some applications we want a partition of disjoint clusters just as in flat clustering. In those cases, the hierarchy needs to be cut at some point.

**2)** There are 3 main advantages to using hierarchical clustering.

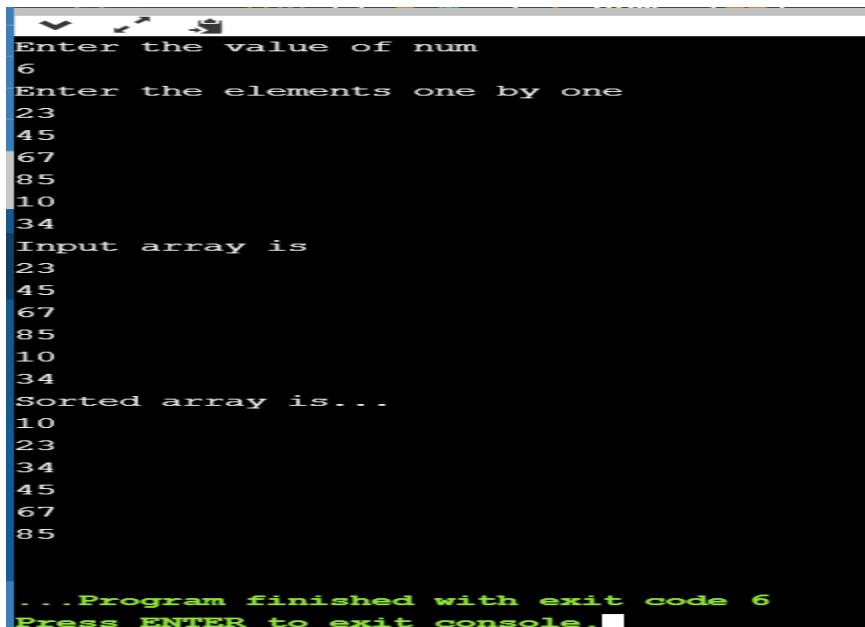
- \* First, we do not need to specify the number of clusters required for the algorithm.
- \* Second, hierarchical clustering is easy to implement.
- \* And third, the dendrogram produced is very useful in understanding the data.
- \* There are some disadvantages as well. First, the algorithm can never undo any previous steps.

**3)** DBSCAN stands for Density-Based Spatial Clustering of Applications with Noise.

- \* This technique is one of the most common clustering algorithms, which works based on density of object. DBSCAN works on the idea is that if a particular point belongs to a cluster, it should be near to lots of other points in that cluster.
- \* It works based on 2 parameters: Radius and Minimum Points.  
R determines a specified radius that, if it includes enough points within it, we call it a "dense area." M determines the minimum number of data points we want in a neighborhood to define a cluster.

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

1.



A screenshot of a terminal window showing the execution of a C++ program. The program prompts the user for the number of elements and then asks for each element to be entered one by one. It then displays the input array and the sorted array. Finally, it prints a message indicating the program has finished and prompts the user to press Enter to exit the console.

```
Enter the value of num
6
Enter the elements one by one
23
45
67
85
10
34
Input array is
23
45
67
85
10
34
Sorted array is...
10
23
34
45
67
85

...Program finished with exit code 6
Press ENTER to exit console.
```

2.

```
Binary tree after insertion
1
Binary tree after insertion
2 1 3
Binary tree after insertion
4 2 5 1 3
Binary tree after insertion
4 2 5 1 6 3 7

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

**Susmitha ganiga**

## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	27-05-2020	Name:	sushmitha
Sem & Sec	6 <sup>Th</sup> & B	USN:	4al17cs102
<b>Online Test Summary</b>			
Subject	SSCD		
Max. Marks	30	Score	19
<b>Certification Course Summary</b>			
Course	Python for machine learning		
Certificate Provider	IBM	Duration	12 hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1 C program			
<b>Status:</b> done			
Uploaded the report in Github	Yes		
If yes Repository name	<a href="https://github.com/sushmithaganiga/Report">https://github.com/sushmithaganiga/ Report</a>		
Uploaded the report in slack	yes		

Online Test Details: (Attach the snapshot and briefly write the report for the same)

**Certification Course Details:** (Attach the snapshot and briefly write the report for the same)

**Coding Challenges Details:** (Attach the snapshot and briefly write the report for the same)

Largest Tech Community | Hack x | M Inbox (4,729) - sushmithadinesh x | Largest Tech Community | Hack x | Internal Server Error x | Largest Tech Community | Hack x +

Logout

Results Analytics

Test 3 submitted  
Problem Round 2  
Your Score  
**10** / 10

Test 1 submitted  
MCQ  
Your Score  
**6** / 11

Test 2 submitted  
Problem Round 1  
Your Score  
**3** / 9

Activate Windows  
Go to Settings to activate Windows.

9:51 AM 5/27/2020

ML0101EN v3 - Logistic Regression vs Linear Regression 15:30

Type here to search

Watch later Share

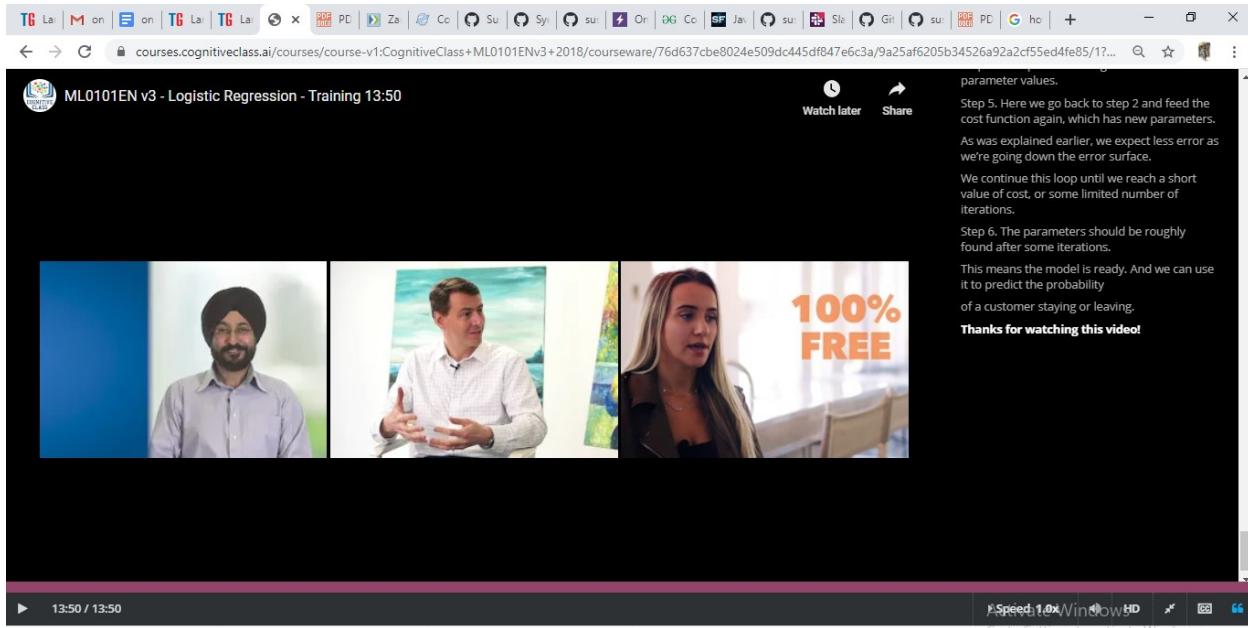
the cost is low enough. So, this brings up two questions: first, "How can we change the values of  $\theta$  so that the cost is reduced across iterations?" And second, "When should we stop the iterations?" There are different ways to change the values of  $\theta$ , but one of the most popular ways is gradient descent. Also, there are various ways to stop iterations, but essentially you stop training by calculating the accuracy of your model, and stop it when it's satisfactory.

Thanks for watching this video!

15:30 / 15:30

online activities ... .docx 23-05-2020.docx 20-05-2020.docx Day7.docx Day6.docx Removed Go to Settings to activate Windows. Show all

8:09 PM 5/27/2020

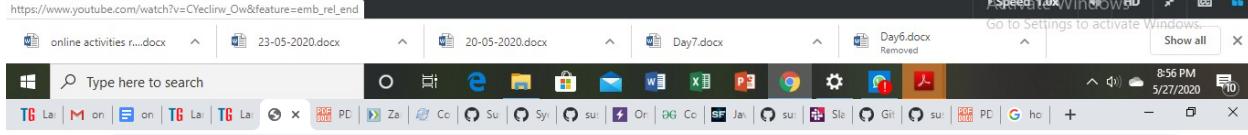
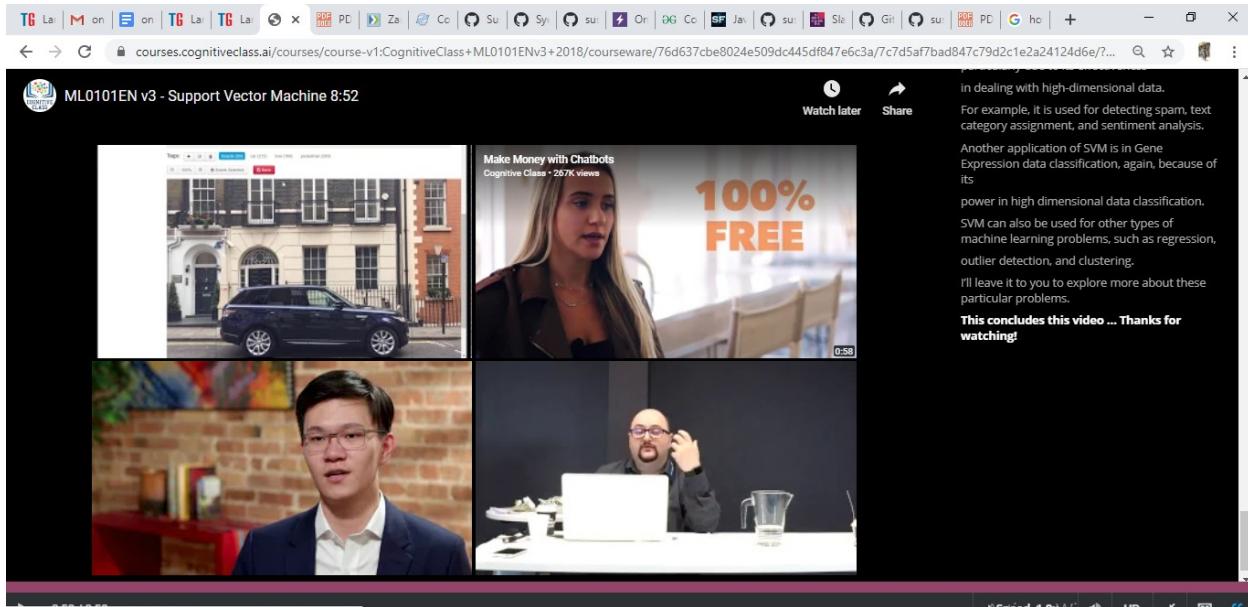
A screenshot of a Jupyter Notebook interface. The left sidebar shows a file tree with notebooks like "ML0101EN-Clas-Decision-Trees.ipynb", "ML0101EN-Clas-K-Nearest-Neig.ipynb", "ML0101EN-Clas-Logistic-Re.ipynb", "ML0101EN-Reg-NoneLinearRe.ipynb", and "ML0101EN-Reg-Simple-Linear.ipynb". The main area displays a Markdown cell with text about log loss and a Python code cell with the following content:

```
from sklearn.metrics import log_loss
log_loss(y_test, yhat_prob)
```

A "Practice" section follows, asking to build a Logistic Regression model again with different solver and regularization values. A code input cell contains:

```
# write your code here
LR2 = LogisticRegression(C=0.01, solver='sag').fit(X_train,y_train)
yhat_prob2 = LR2.predict_proba(X_test)
print ("LogLoss: : %.2f" % log_loss(y_test, yhat_prob2))
```

The status bar at the bottom shows "8:26 PM 5/27/2020".



```
# Compute confusion matrix
cnf_matrix = confusion_matrix(y_test, yhat, labels=[2,4])
np.set_printoptions(precision=2)

print (classification_report(y_test, yhat))

# Plot non-normalized confusion matrix
plt.figure()
plot_confusion_matrix(cnf_matrix, classes=['Benign(2)', 'Malignant(4)'], normalize=False, title='Confusion matrix')

You can also easily use the f1_score from sklearn library.

from sklearn.metrics import f1_score
f1_score(y_test, yhat, average='weighted')

Lets try jaccard index for accuracy.

from sklearn.metrics import jaccard_similarity_score
jaccard_similarity_score(y_test, yhat)
```

### Practice

Can you rebuild the model, but this time with a `linear` kernel? You can use `kernel='linear'` option, when you define the svm. How the accuracy changes with the new kernel function?

```
# write your code here
clf2 = svm.SVC(kernel='linear')
clf2.fit(X_train, y_train)
yhat2 = clf2.predict(X_test)
print("Avg F1-score: % .4f" % f1_score(y_test, yhat2, average='weighted'))
print("Jaccard score: % .4f" % jaccard_similarity_score(y_test, yhat2))
```



TG Lai | M on | E on | TG Lai | TG Lai | courses.cognitiveclass.ai/courses/course-v1:CognitiveClass+ML0101ENv3+2018/courseware/76d637cbe8024e509dc445df847e6c3a/c78015d3fc344d4dafc51d71b57ee1ad/?... |

### Review Question 2

1/1 point (graded)

A classifier with lower log loss has better accuracy.

True ✓

False

**Submit** You have used 1 of 1 attempt

---

✓ Correct (1/1 point)

### Review Question 3

1/1 point (graded)

When building a decision tree, we want to split the nodes in a way that decreases entropy and increases information gain.

True ✓

False

Activate Windows  
Go to Settings to activate Windows... Show all

online activities r...docx 23-05-2020.docx 20-05-2020.docx Day7.docx Day6.docx Removed Type here to search 9:04 PM 5/27/2020

✓ Correct (1/1 point)

Review Question 3

1/1 point (graded)

When building a decision tree, we want to split the nodes in a way that decreases entropy and increases information gain.

True ✓

False

Submit You have used 1 of 1 attempt

✓ Correct (1/1 point)

◀ Previous Next ▶

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9:04 PM 5/27/2020

onlinegdb.com/online\_c\_compiler

OnlineGDB beta

online compiler and debugger for c/c++

code. compile. run. debug. share.

IDE

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Sorted array:  
11 12 22 25 34 64 90  
count= 6

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

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