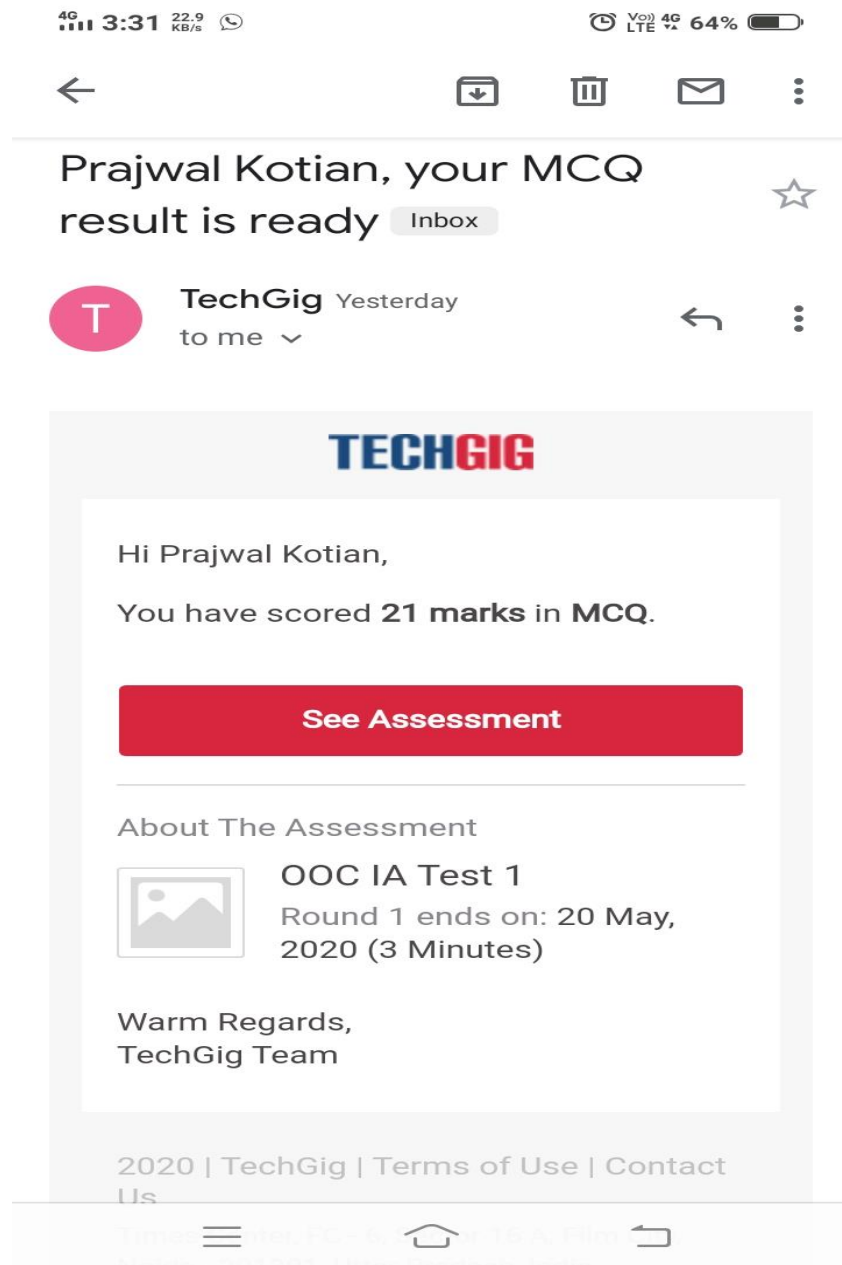


DAILY ONLINE ACTIVITIES SUMMARY

Date:	20/05/2020	Name:	Prajwal
Sem & Sec	IV sem & B sec	USN:	4AL18CS057
Online Test Summary			
Subject	Object Oriented Concept		
Max. Marks	30	Score	21
Certification Course Summary			
Course	Machine Learning With Python		
Certificate Provider	COGNITIVE CLASS	Duration	12 hours
Coding Challenges			
Problem Statement: 1. Write a C program to reverse a Linked List (SLL) in groups of given size. 2. Write a C or Java program to implement FCFS and SJF process scheduling.			
Status: Done			
Uploaded the report in Github		YES	
If yes Repository name		https://github.com/PRAJWALKOTIAN/lockdown-coding	
Uploaded the report in slack		YES	

Online test details

Test was conducted from 09:25 to 10:10 am dated 20 may 2020. The test includes MCQ kind of questions and also there was a question to predict the output.



Certification Course Details

The course I have chosen is MACHINE LEARNING WITH PYTHON in this I studied the difference between Supervised and Unsupervised and the definitions of that concept.

4G 4:48 58.8 KB/s 56%

Supervised vs Unsupervised (5:59)

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Supervised vs Unsupervised (5:59)

What is regression?

Regression is the process of predicting continuous values.

Expenditure	City	Population	Category	Count
1.0	A	1.0	1	100
1.5	A	1.5	1	100
2.0	A	2.0	1	100
2.5	A	2.5	1	100
3.0	A	3.0	1	100
3.5	A	3.5	1	100
4.0	A	4.0	1	100
4.5	A	4.5	1	100
5.0	A	5.0	1	100
5.5	A	5.5	1	100
6.0	A	6.0	1	100
6.5	A	6.5	1	100
7.0	A	7.0	1	100
7.5	A	7.5	1	100
8.0	A	8.0	1	100
8.5	A	8.5	1	100
9.0	A	9.0	1	100
9.5	A	9.5	1	100
10.0	A	10.0	1	100

Continuous Data

Classification is the process of predicting a discrete class label or category.

techniques.

They are: classification and regression.

Classification is the process of predicting a discrete class label or category.

Regression is the process of predicting a continuous value as

2:37 / 5:59

HD CC

Video

[Download video file](#)

Transcripts

[Download SubRip \(.srt\) file](#)

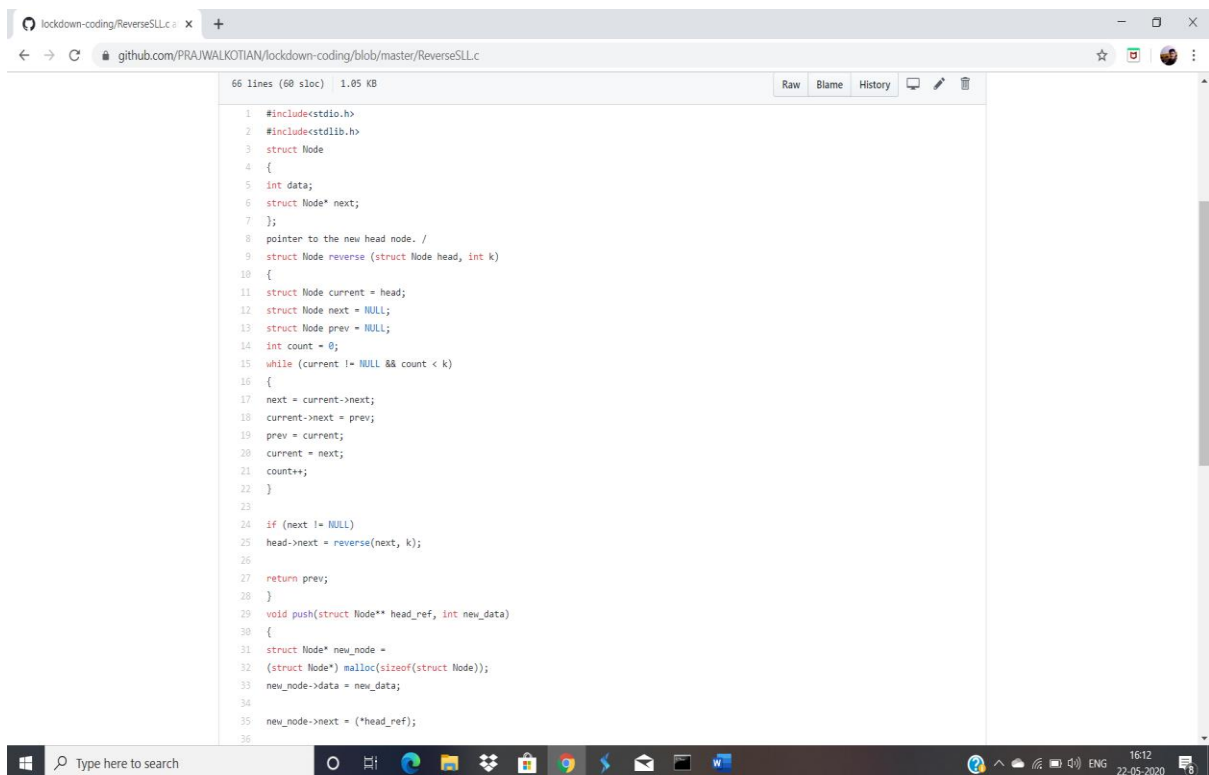
[Download Text \(.txt\) file](#)

Coding Challenges Details

The bellow code is there on my github repository

<https://github.com/PRAJWALKOTIAN/lockdown-coding>

1. Write a C program to reverse a Linked List (SLL) in groups of given size. The bellow code is there on my github repository



The screenshot shows a web browser displaying a GitHub repository page for 'lockdown-coding/ReverseSLL.c'. The file is 66 lines long and 1.05 KB in size. The code is a C program that implements a function to reverse a singly linked list in groups of size 'k'. The program includes standard headers, defines a 'Node' structure with 'data' and 'next' pointers, and implements a 'reverse' function that uses a while loop to reverse the list in groups of size 'k'. The 'main' function is not visible in the screenshot.

```
1 #include<stdio.h>
2 #include<stdlib.h>
3 struct Node
4 {
5     int data;
6     struct Node* next;
7 };
8 pointer to the new head node. /
9 struct Node reverse (struct Node head, int k)
10 {
11     struct Node current = head;
12     struct Node next = NULL;
13     struct Node prev = NULL;
14     int count = 0;
15     while (current != NULL && count < k)
16     {
17         next = current->next;
18         current->next = prev;
19         prev = current;
20         current = next;
21         count++;
22     }
23
24     if (next != NULL)
25         head->next = reverse(next, k);
26
27     return prev;
28 }
29 void push(struct Node** head_ref, int new_data)
30 {
31     struct Node* new_node =
32     (struct Node*) malloc(sizeof(struct Node));
33     new_node->data = new_data;
34
35     new_node->next = (*head_ref);
36 }
```

2. Write a C or Java program to implement FCFS and SJF process scheduling.

```
lockdown-coding/FCFS.c at mas: x
github.com/PRAJWALKOTIAN/lockdown-coding/blob/master/FCFS.c
1 #include<stdio.h>
2 int main()
3 {
4     int n,bt[20],wt[20],tat[20],avwt=0,avtat=0,i,j;
5     printf("Enter number of processes(maximum 20):-");
6     scanf("%d",&n);
7     printf("\nEnter Process BT\n");
8     for(i=0;i<n;i++)
9     {
10         printf("P[%d]:",i+1);
11         scanf("%d",&bt[i]);
12     }
13     wt[0]=0;
14     for(i=1;i<n;i++)
15     {
16         wt[i]=0;
17         for(j=0;j<i;j++)
18             wt[i]+=bt[j];
19     }
20     printf("\nProcess\t\tBT\t\tWT\t\tTAT");
21     for(i=0;i<n;i++)
22     {
23         tat[i]=bt[i]+wt[i];
24         avwt+=wt[i];
25         avtat+=tat[i];
26         printf("\nP[%d]\t\t\t%d\t\t\t%d\t\t\t%d",i+1,bt[i],wt[i],tat[i]);
27     }
28     avwt/=i;
29     avtat/=i;
30     printf("\n\nAverage WT:%d",avwt);
31     printf("\n\nAverage TAT:%d",avtat);
32     return 0;
33 }
```