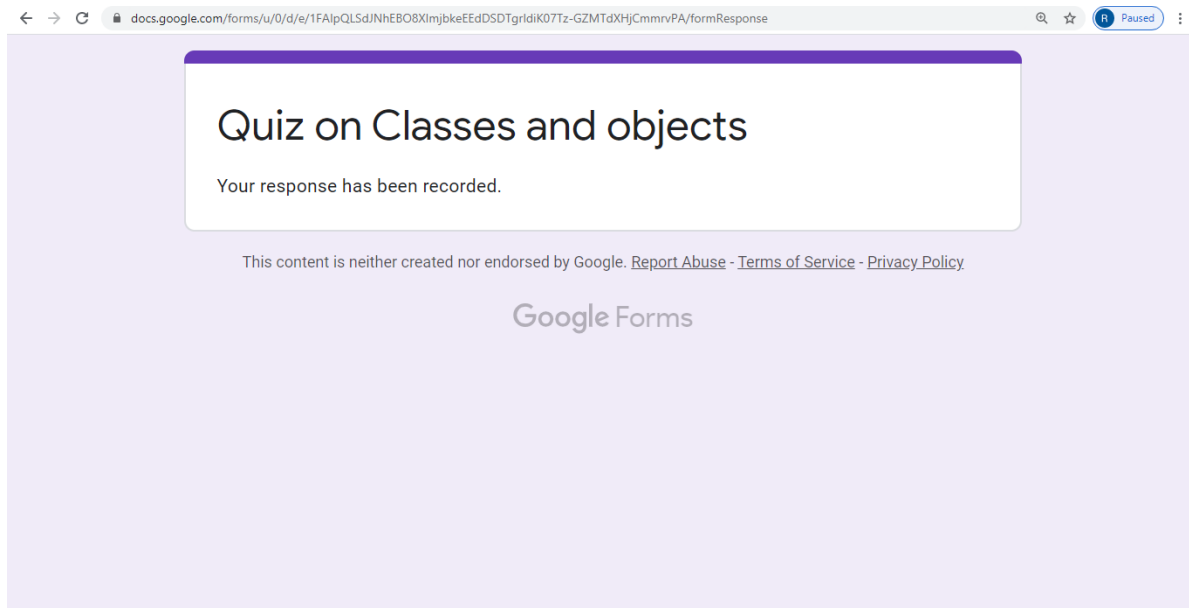


DAILY ONLINE ACTIVITIES SUMMARY

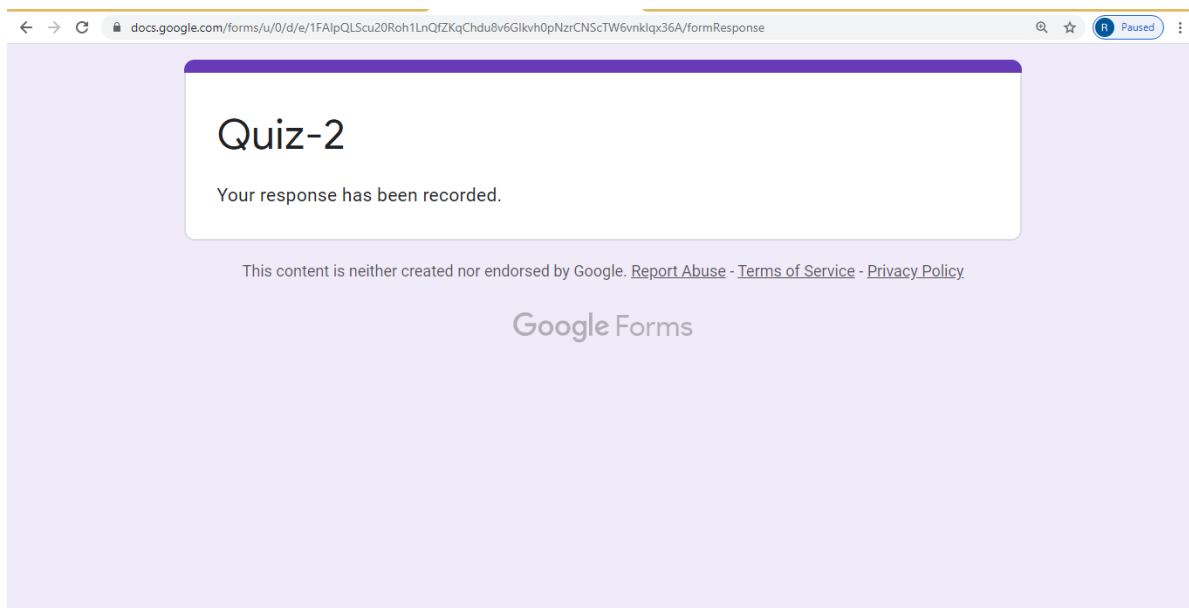
Date:	20-06-2020	Name:	Nanditha.R.Shetty
Sem & Sec	6 th sem, 'A' sec	USN:	4AL17CS054
Online Test Summary			
Subject	Programming in C++		
Max. Marks	-	Score	-
Certification Course Summary			
Course	-		
Certificate Provider	-	Duration	-
Coding Challenges			
Problem Statement: 1 C and 1 java program			
Status: executed			
Uploaded the report in GitHub		Yes	
If yes Repository name		https://github.com/nandithashetty/DAILY-STATUS	
Uploaded the report in slack		Yes	

Online Test Details:

Programming in C++



A screenshot of a Google Forms quiz titled "Quiz on Classes and objects". The form is displayed on a light purple background. At the top, the title "Quiz on Classes and objects" is centered in a large, dark font. Below the title, a white box contains the text "Your response has been recorded." in a smaller, dark font. Underneath this box, a line of small text states: "This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)". At the bottom of the form, the "Google Forms" logo is centered. The browser's address bar at the top shows the URL: docs.google.com/forms/u/0/d/e/1FAIpQLSdJNhEBO8XImjbkeEEedDSDTgrldiK07Tz-GZMTdXHjCmmrvPA/formResponse. The browser interface includes back, forward, and refresh buttons, as well as search, star, and a "Paused" button.



A screenshot of a Google Forms quiz titled "Quiz-2". The form is displayed on a light purple background. At the top, the title "Quiz-2" is centered in a large, dark font. Below the title, a white box contains the text "Your response has been recorded." in a smaller, dark font. Underneath this box, a line of small text states: "This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)". At the bottom of the form, the "Google Forms" logo is centered. The browser's address bar at the top shows the URL: docs.google.com/forms/u/0/d/e/1FAIpQLScu20Roh1LnQfZKqChdu8v6Gikvh0pNzrCNScTW6vnklqx36A/formResponse. The browser interface includes back, forward, and refresh buttons, as well as search, star, and a "Paused" button.

Workshop Details:

Coding Challenges Details:

Program 1

This is output of C program to rotate an array by K positions.

```
main.c
8 //*****
9 #include <stdio.h>
10 int main()
11 {
12     int arr[] = {4, 5, 6};
13     int length = sizeof(arr)/sizeof(arr[0]);
14     int n = 2;
15     printf("Original array: \n");
16     for (int i = 0; i < length; i++) {
17         printf("%d ", arr[i]);
18     }
19     for(int i = 0; i < n; i++){
20         int j, last;
21         last = arr[length-1];
22
23         for(j = length-1; j > 0; j--){
24             arr[j] = arr[j-1];
25         }
26         arr[0] = last;
27     }
28     printf("\n");
29     printf("Array after right rotation: \n");
30     for(int i = 0; i < length; i++){
31         printf("%d ", arr[i]);
32     }
33     return 0;
34 }
35
```

Input

Original array:
4 5 6
Array after right rotation:
5 6 4

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

Program 2

This is the output of java program to find the area of Square, Rectangle and Circle using method overloading.

```
Main.java
5 C#, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
6 Code, Compile, Run and Debug online from anywhere in world.
7
8 //*****
9 class Main
10 {
11     void area(float x)
12     {
13         System.out.println("the area of the square is "+Math.pow(x, 2)+" sq units");
14     }
15     void area(float x, float y)
16     {
17         System.out.println("the area of the rectangle is "+x*y+" sq units");
18     }
19     void area(double z)
20     {
21         double a = 3.14 * z * z;
22         System.out.println("the area of the circle is "+z+" sq units");
23     }
24
25     public static void main(String args[])
26     {
27         Main ob = new Main();
28         ob.area(4);
29         ob.area(11,13);
30         ob.area(3.5);
31     }
32 }

```

Input

the area of the square is 16.0 sq units
the area of the rectangle is 143.0 sq units
the area of the circle is 3.5 sq units

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

Refer to Github for Detailed information:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/20-06-2020/ONLINE%20CODING>

This Report is also available in:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/20-06-2020>