

DAILY ONLINE ACTIVITIES SUMMARY

Date:	20-06-2020	Name:	Anvitha Poojary
Sem & Sec	6A	USN:	4AL17CS008
Online Test Summary			
Subject	C++ programming		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Workshop exercise solving		
Certificate Provider		Duration	
Coding Challenges			
Problem Statement: Write a Java Program to find area of Square, Rectangle and Circle using Method Overloading			
Status: completed			
Uploaded the report in Github		yes	
If yes Repository name		https://github.com/anvithapo99/Daily-Report	
Uploaded the report in slack		yes	

C++ programming Quiz:

Python workshop :

Refer the github link for example programs and exercise programs:

<https://github.com/anvithapo99/DA-and-ML-workshop>

Coding Challenges Details:

1. Write a Java Program to find area of Square, Rectangle and Circle using Method Overloading

```
class OverloadDemo
```

```
{  
  
    void area(float x)  
  
    {  
  
        System.out.println("the area of the square is "+Math.pow(x, 2)+" sq units");  
  
    }  
  
    void area(float x, float y)  
  
    {  
  
        System.out.println("the area of the rectangle is "+x*y+" sq units");  
  
    }  
  
    void area(double x)  
  
    {  
  
        double z = 3.14 * x * x;  
  
        System.out.println("the area of the circle is "+z+" sq units");  
  
    }  
  
}
```

```
class Main
{
    public static void main(String args[])
    {
        OverloadDemo ob = new OverloadDemo();

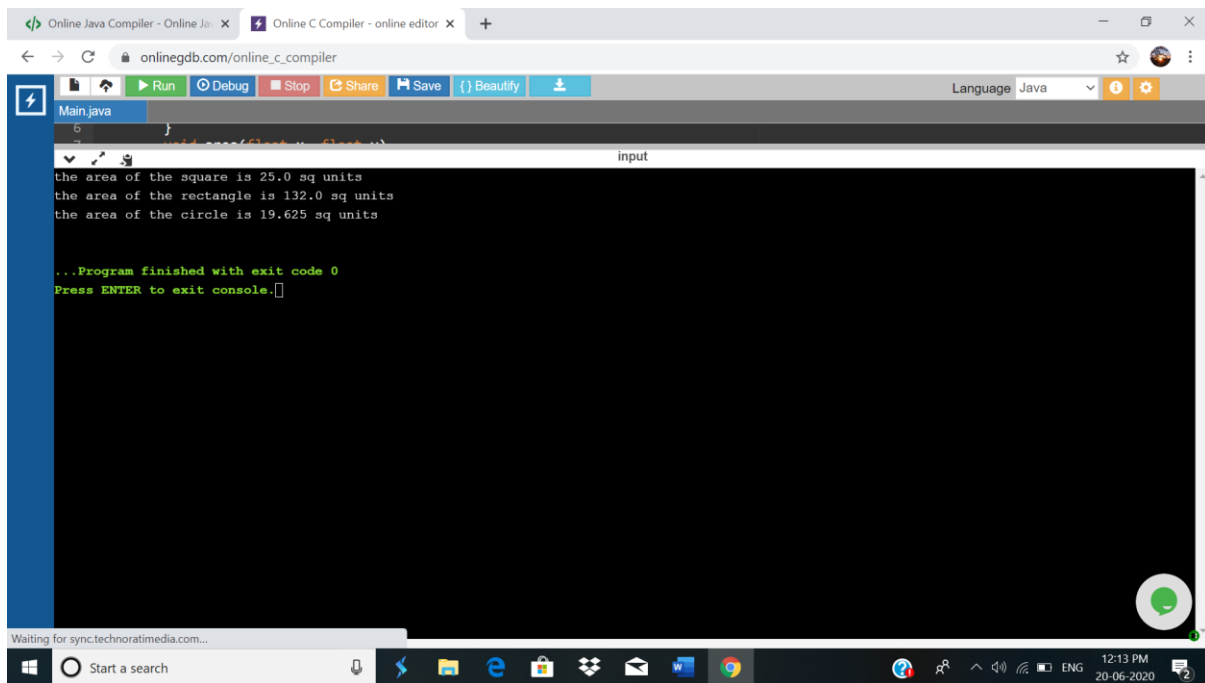
        ob.area(5);

        ob.area(11,12);

        ob.area(2.5);

    }
}
```

Output:

A screenshot of a web browser displaying an online Java compiler interface. The browser has two tabs: 'Online Java Compiler - Online Java Editor' and 'Online C Compiler - online editor'. The address bar shows 'onlinegdb.com/online_c_compiler'. The interface includes a toolbar with buttons for Run, Debug, Stop, Share, Save, and Beautify. The language is set to Java. The code editor shows the same Java code as in the first block. The output window, titled 'input', displays the program's output: 'the area of the square is 25.0 sq units', 'the area of the rectangle is 132.0 sq units', and 'the area of the circle is 19.625 sq units'. Below the output, it states '...Program finished with exit code 0' and 'Press ENTER to exit console.' The Windows taskbar is visible at the bottom, showing the Start button, search bar, and various application icons. The system clock indicates 12:13 PM on 20-06-2020.