

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	22-06-2020	Name:	Nanditha.R.Shetty
Sem & Sec	6 <sup>th</sup> sem, 'A' sec	USN:	4AL17CS054
<b>Online Test Summary</b>			
Subject	Programming in C++		
Max. Marks	-	Score	-
<b>Certification Course Summary</b>			
Course	-		
Certificate Provider	-	Duration	-
<b>Coding Challenges</b>			
Problem Statement:1 java program			
Status: executed			
Uploaded the report in GitHub		Yes	
If yes Repository name		<a href="https://github.com/nandithashetty/DAILY-STATUS">https://github.com/nandithashetty/DAILY-STATUS</a>	
Uploaded the report in slack		Yes	

## Online Test Details:

Score released: C++ polymorphi... C++ polymorphism Quiz1 Online C Compiler - online editor +

docs.google.com/forms/d/e/1FAIpQLSdq1hFP6weTP4iriOXG6Z\_C3dEr5mwEeTh6sYPpRkaSwbahlA/viewscore?sid=551cfd070c931cbe8vc=0&c=0&w=1&token=klquznlBAAAhfCUbeBYCHw1cYUtlTbi8wJOYf...

### C++ polymorphism Quiz1

Total points 5/5 ?

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Operator overloading is ? \*

1/1

- ☐ giving c++ operators more than they can handle
- ☐ making new c++ operators
- ☒ giving new meaning to existing c++ operators
- ☐ making c++ operators work with objects

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## Quiz-4

Your response has been recorded.

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Google Forms

## Workshop Details:

### Programming in c++:

The screenshot shows a PowerPoint presentation titled "Operator overloading". The slide content is as follows:

**Operator overloading**

- Operator overloading allows to redefine the way operator works for user-defined types only (objects, structures). It cannot be used for built-in types (int, float, char etc.).
- Two operators = and & are already overloaded by default in C++. For example: To copy objects of same class, we can directly use = operator.
- Operator overloading cannot change the precedence and associativity of operators. However, if you want to change the order of evaluation, parenthesis should be used.

We can overload all the operators in C++ **except** the following:

- Scope operator (::)
- Size operator (sizeof)
- member selector (.)
- member pointer selector (&)
- ternary operator (? :)

The presentation is being shared via a screen-sharing tool, and a sidebar on the right shows a list of participants including "You", "Shilpa Yg...", and "Shilpa Yg...".

The screenshot shows a PowerPoint presentation displaying C++ code for a class named 'stud'. The code is as follows:

```
#include<iostream>
using namespace std;
class stud
{
    int m,n;
public:
    stud(stud &x)
    {
        m=x.m;
        n=x.n;
    }
    stud()
    {
        m=0;
        n=0;
    }
    stud(int x, int y);
    ~stud()
    {
        m=x;
    }
};

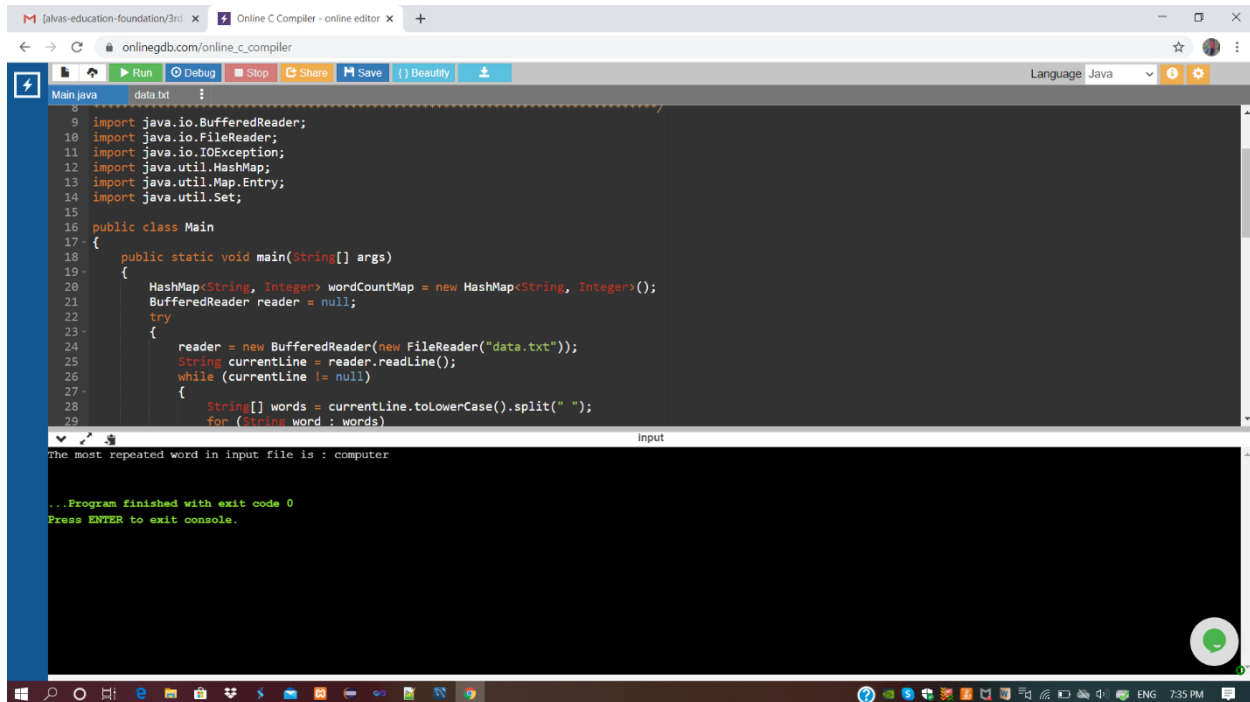
int main()
{
    stud s1; //default constructor
    stud s2(400,500); // parameterized constructor
    stud s3(s2); // copy constructor
    s1.display();
    s2.display();
    s3.display();
}
```

The presentation is being shared via a screen-sharing tool, and a sidebar on the right shows a list of participants including "You", "Ankitha S...", and "Ankitha S...".

## Coding Challenges Details:

### **Program 1**

This is output of java program to print the maximum repeated word from the file.



The screenshot shows a web browser window with the URL `onlinegdb.com/online_c_compiler`. The browser tabs include 'jalvas-education-foundation/3rd' and 'Online C Compiler - online editor'. The compiler interface has a top bar with buttons for Run, Debug, Stop, Share, Save, and Beautify. The language is set to Java. The code editor shows a Java program that reads a file named 'data.txt' and prints the most repeated word. The code is as follows:

```
8
9 import java.io.BufferedReader;
10 import java.io.FileReader;
11 import java.io.IOException;
12 import java.util.HashMap;
13 import java.util.Map.Entry;
14 import java.util.Set;
15
16 public class Main
17 {
18     public static void main(String[] args)
19     {
20         HashMap<String, Integer> wordCountMap = new HashMap<String, Integer>();
21         BufferedReader reader = null;
22         try
23         {
24             reader = new BufferedReader(new FileReader("data.txt"));
25             String currentLine = reader.readLine();
26             while (currentLine != null)
27             {
28                 String[] words = currentLine.toLowerCase().split(" ");
29                 for (String word : words)
```

The output console shows the following text:

```
The most repeated word in input file is : computer

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

Refer GitHub for detailed information:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/22-06-2020/ONLINE%20CODING>

This Report is also available in:

<https://github.com/nandithashetty/DAILY-STATUS/tree/master/22-06-2020>