

ASSIGNMENT -3

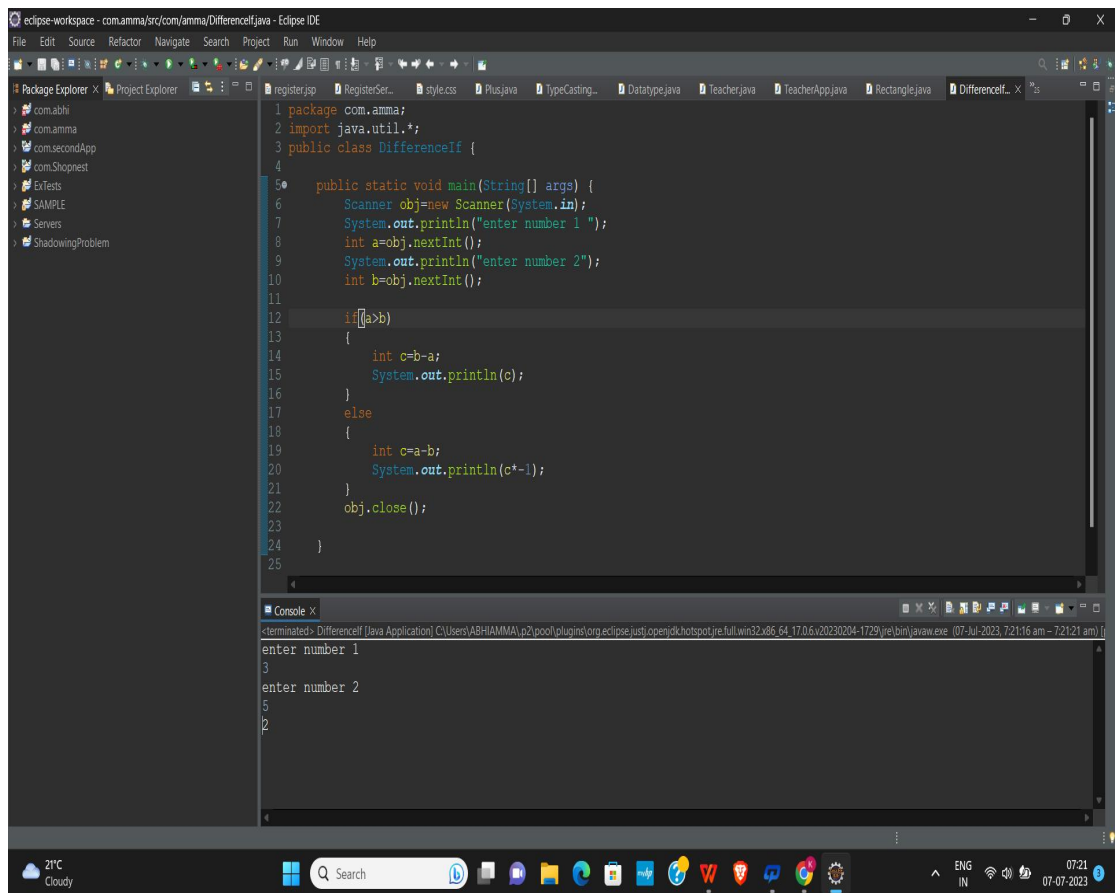
SUBMITTED BY

P.KRANTI ABHISHEK



IF -ELSE DIFFERENCE

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```
1 package com.amma;
2 import java.util.*;
3 public class DifferenceIf {
4
5     public static void main(String[] args) {
6         Scanner obj=new Scanner(System.in);
7         System.out.println("enter number 1 ");
8         int a=obj.nextInt();
9         System.out.println("enter number 2");
10        int b=obj.nextInt();
11
12        if(a>b)
13        {
14            int c=b-a;
15            System.out.println(c);
16        }
17        else
18        {
19            int c=a-b;
20            System.out.println(c*-1);
21        }
22        obj.close();
23    }
24 }
25
```

Console Output:

```
<terminated> DifferenceIf [Java Application] C:\Users\ABHIAMMA\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full\win32_x86_64\17.0.6.v20230204-1729\jre\bin\javaw.exe (07-Jul-2023, 7:21:16 am - 7:21:21 am) [j
enter number 1
3
enter number 2
5
2
```