

## Lab program 7

Write a program to demonstrate generics with multiple object parameters.

```
import java.util.*;

class myGen<a,b>{

    a obj1;

    b obj2;

    myGen(a obj1, b obj2)

    {

        this.obj1 = obj1;

        this.obj2 = obj2;

    }

    void Display()

    {

        System.out.println("Type of a is " +obj1.getClass().getName());

        System.out.println("Value: "+obj1);

        System.out.println("Type of b is " +obj2.getClass().getName());

        System.out.println("Value: "+obj2);

    }

}

public class lab7{

    public static void main(String args[])

    {

        Scanner sc=new Scanner(System.in);

        System.out.println("Enter your name and age\n");

        String name=sc.nextLine();

        int age=sc.nextInt();

        myGen<String,Integer>myG1 = new myGen<String,Integer>(name,age);

        System.out.println("Enter a character and a double number\n");

        char ch=sc.next().charAt(0);
```

```
double db=sc.nextDouble();

myGen<Character,Double>myG2 = new myGen<Character,Double>(ch,db);

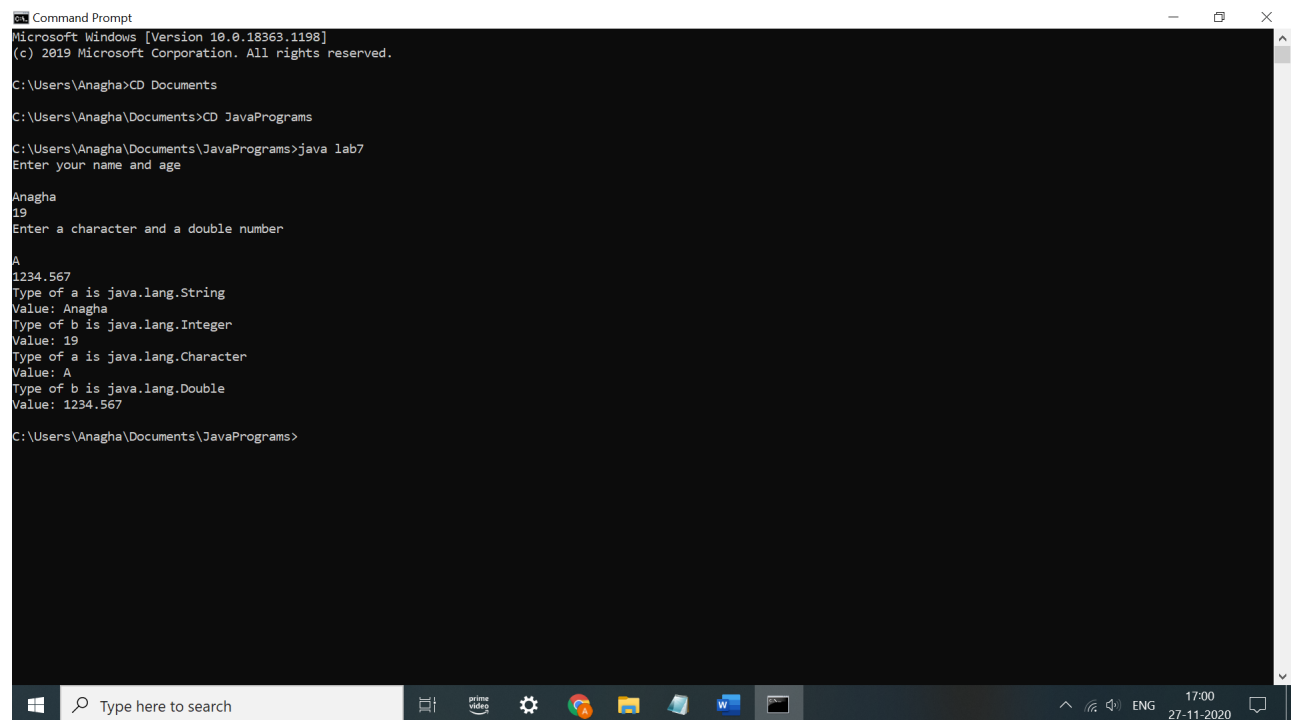
myG1.Display();

myG2.Display();

}

}
```

## OUTPUT:



```
Command Prompt
Microsoft Windows [Version 10.0.18363.1198]
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C:\Users\Anagha>CD Documents

C:\Users\Anagha\Documents>CD JavaPrograms

C:\Users\Anagha\Documents\JavaPrograms>java lab7
Enter your name and age

Anagha
19
Enter a character and a double number

A
1234.567
Type of a is java.lang.String
Value: Anagha
Type of b is java.lang.Integer
Value: 19
Type of a is java.lang.Character
Value: A
Type of b is java.lang.Double
Value: 1234.567

C:\Users\Anagha\Documents\JavaPrograms>
```