LAB7: Write a program to demonstrate generics with multiple object parameters.

1BM19CS216   27/11/2020

lab7: write a program to
demonstrate generics with multiple
object parameters.

```
class GENERICSC <F,S>
{
F object1;
S object2;

GENERICSC (F O1 , S O2)
{
object1 = O1;
object2 = O2;
}

void pritname()
{
System.out.println ("Type of object 1 is "+
        object1.getClass().getName());
System.out.println ("Type of object 2 is "+
        object2.getClass().getName());
}

F getob1()
{
return object1;
}
S getob2()
{
return object2;
}
```

```
public class DGenerics
{
public static void main (String args [])
{
GENERICSC <Float, String > G1 = new GENERICS
<Float, String > ( 10f, "CGPA");
G1.printname ();
float FL. G1. getob1();
System.out.println ("The number given to objec
1 is " + FL);
String ST = G1. getob2();
System.out.println ("The detail given to objed
2 is " + ST);
}
}
```
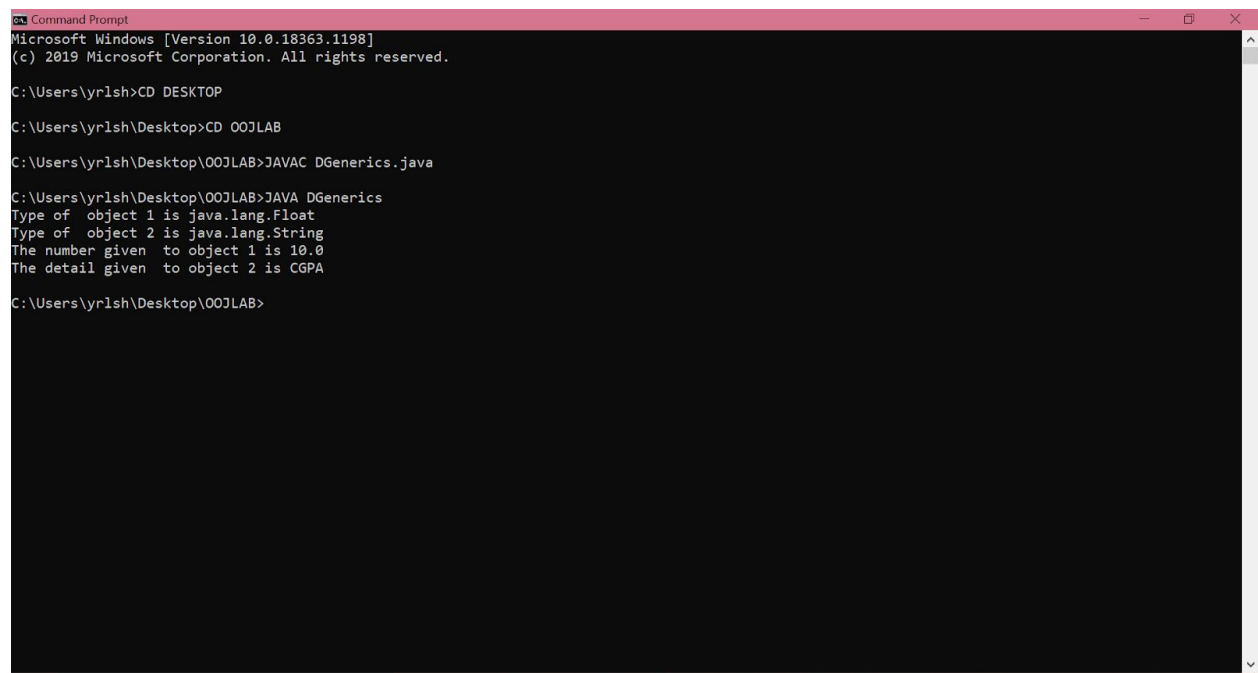
THE PROGRAM:

```
class GENERICSC<F,S>
{
F object1;
S object2;

GENERICSC(F O1,S O2)
{
object1=O1;
object2=O2;
}
void printname()
{
System.out.println("Type of  object 1 is "+object1.getClass().getName());
System.out.println("Type of  object 2 is "+object2.getClass().getName());
}
F getob1()
{
return object1;
}
S getob2()
{
return object2;
}
}
public class DGenerics
{
public static void main(String args[])
{
GENERICSC<Float,String> G1=new GENERICSC<Float,String>(10f,"CGPA");
G1.printname();
float FL=G1.getob1();
System.out.println("The number given  to object 1 is "+FL);
String ST=G1.getob2();
System.out.println("The detail given  to object 2 is "+ST);
}
}
```

THE OUTPUT:

```
Command Prompt                                                                    —  □  ×
Microsoft Windows [Version 10.0.18363.1198]
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C:\Users\yrlsh>CD DESKTOP

C:\Users\yrlsh\Desktop>CD OOJLAB

C:\Users\yrlsh\Desktop\OOJLAB>JAVAC DGenerics.java

C:\Users\yrlsh\Desktop\OOJLAB>JAVA DGenerics
Type of  object 1 is java.lang.Float
Type of  object 2 is java.lang.String
The number given  to object 1 is 10.0
The detail given  to object 2 is CGPA

C:\Users\yrlsh\Desktop\OOJLAB>
```