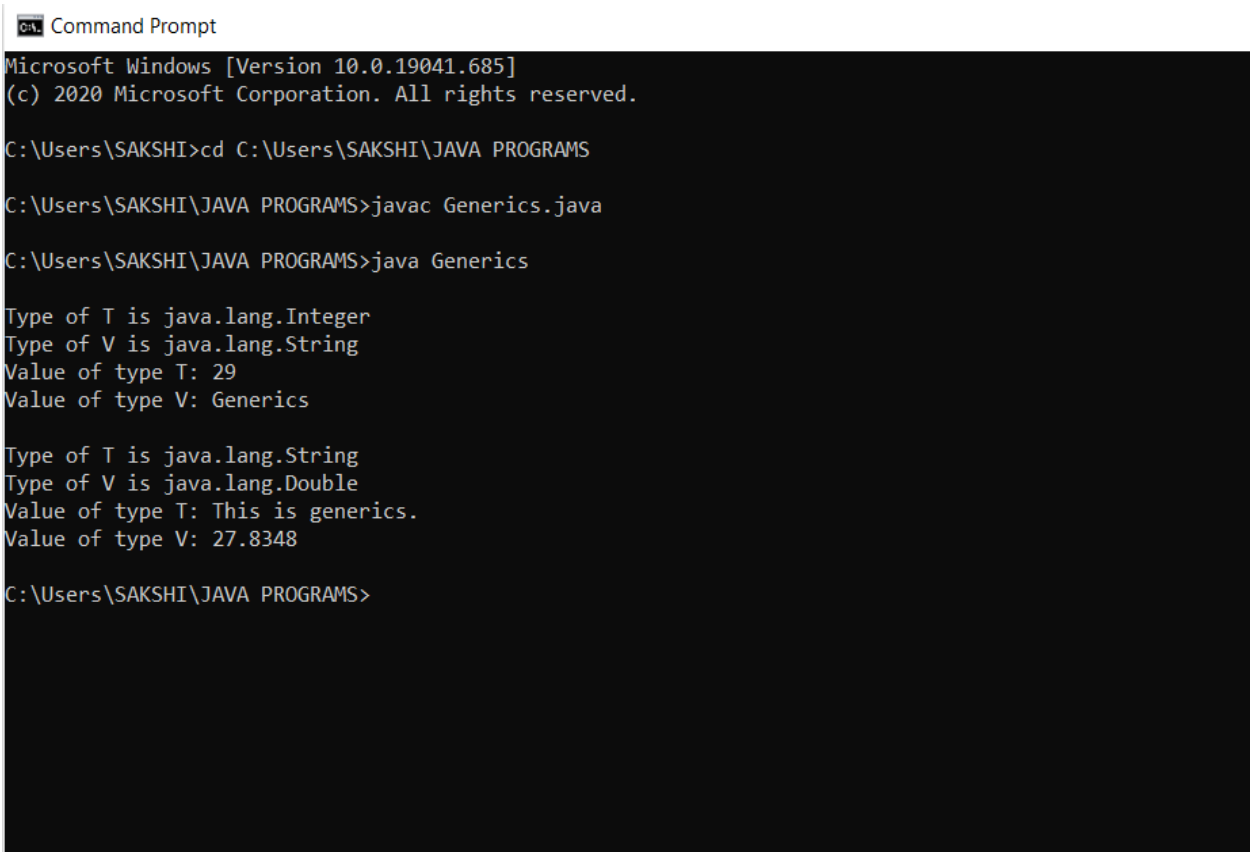
LAB PROGRAM 7

Write a program to demonstrate generics with multiple object parameters.

```
class TwoGen<T,V>
{
    T obj1;
    V obj2;
    TwoGen(T ob1, V ob2)
    {
        obj1 = ob1;
        obj2 = ob2;
    }
    void showTypes()
    {
        System.out.println("\nType of T is " + obj1.getClass().getName());
        System.out.println("Type of V is " + obj2.getClass().getName());
    }
    T getobj1()
    {
        return obj1;
    }
    V getobj2()
    {
        return obj2;
    }
```

```
}
class Generics
{
    public static void main(String args[])
    {
        TwoGen<Integer, String> object1 = new TwoGen<Integer, String>(29,
"Generics");
        object1.showTypes();
        int i = object1.getobj1();
        System.out.println("Value of type T: " + i);
        String str = object1.getobj2();
        System.out.println("Value of type V: " + str);
        TwoGen<String, Double> object2 = new TwoGen<String,
Double>("This is generics.", 27.8348);
        object2.showTypes();
        String str1 = object2.getobj1();
        System.out.println("Value of type T: " + str1);
        double j = object2.getobj2();
        System.out.println("Value of type V: " + j);
    }
}
```


Command Prompt
Microsoft Windows [Version 10.0.19041.685]
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C:\Users\SAKSHI>cd C:\Users\SAKSHI\JAVA PROGRAMS
C:\Users\SAKSHI\JAVA PROGRAMS>javac Generics.java
C:\Users\SAKSHI\JAVA PROGRAMS>java Generics
Type of T is java.lang.Integer
Type of V is java.lang.String
Value of type T: 29
Value of type V: Generics
Type of T is java.lang.String
Type of V is java.lang.Double
Value of type T: This is generics.
Value of type V: 27.8348
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