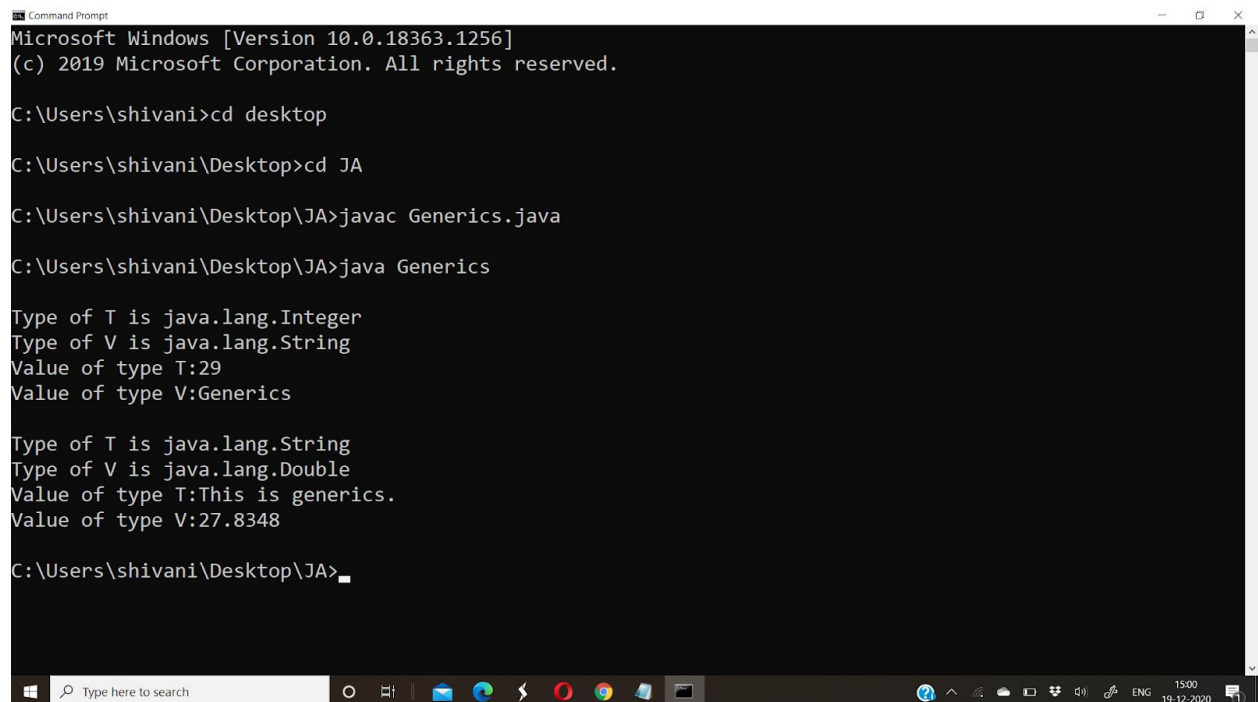


LAB PROGRAM 7

```
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);
}
}
```



```
Microsoft Windows [Version 10.0.18363.1256]
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C:\Users\shivani>cd desktop

C:\Users\shivani\Desktop>cd JA

C:\Users\shivani\Desktop\JA>javac Generics.java

C:\Users\shivani\Desktop\JA>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

C:\Users\shivani\Desktop\JA>
```