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Class: 3A

Lab 2 Question: Develop a Generics class with two type parameters

Program:

Generics

Develop a Generics class with Two Type Parameters.

```java
import java.lang.*;
import java.util.*;

class Pair < First, second > {

  First obj1;
  Second obj2;

  Pair ( First x, Second y )
  {
     obj1 = x;
     obj2 = y;
  }

  First getobj1 (){
     return obj1;
  }

  Second getob2 () {
     return obj2;
  }

  void showType () {
     System.out.println ("Type of First = " +obj1.getclass ().getName());
     System.out.println ("Type of Second = " + obj2.getClass(). getName ());
  }
}
```

```java
class Main {
    public static void main (String args[])
    {
        Pair <Integer, String> pairObj;
        pairObj = new Pair<Integer, String>(13, "Akram");
        int x = pairObj.getObj1();
        System.out.println("The value of x = " + x);
        System.out.println("The value of y = " + y);
        pairObj.showType();
    }
}
```

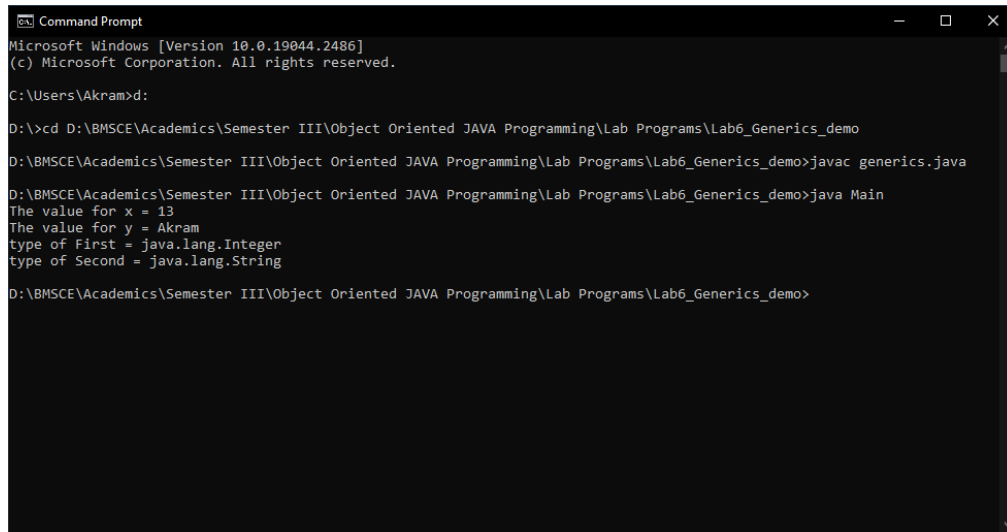Output:

The value for x = 13

The value for y = Akram

type of First = java.lang.Integer

type of Second = java.lang.String