

```
import java.util.Scanner;
```

```
class multiple<T, V>
```

```
{
```

```
    T ob1;
```

```
    V ob2;
```

```
    multiple(T o1, V o2)
```

```
    {
```

```
        ob1 = o1;
```

```
        ob2 = o2;
```

```
    }
```

```
    void showTypes()
```

```
    {
```

```
        System.out.println("Type of first: " +ob1.getClass().getName());
```

```
        System.out.println("Type of second: " +ob2.getClass().getName());
```

```
    }
```

```
    T getob1()
```

```
    {
```

```
        return ob1;
```

```
    }
```

```
    V getob2()
```

```
    {
```

```
        return ob2;
```

```
    }
```

```
}
```

```
class Main2 {
```

```
    public static void main(String args[]) {
```

```
        Scanner scan = new Scanner(System.in);
```

```
        System.out.println("Enter any string: ");
```

```
        String s = scan.nextLine();
```

```
        System.out.println("Enter any integer: ");
```

```
        int i = scan.nextInt();
```

```
        System.out.println();
```

```
        System.out.println("Enter any string: ");
```

```
        String st = scan.next();
```

```
        System.out.println("Enter any double: ");
```

```
        double d = scan.nextDouble();
```



```
    v getob2()
    {
        return ob2;
    }
}

class Main2 {
    public static void main(String args[]) {
        Scanner scan = new Scanner(System.in);
        System.out.println("Enter any string: ");
        String s = scan.nextLine();
        System.out.println("Enter any integer: ");
        int i = scan.nextInt();

        System.out.println();

        System.out.println("Enter any string: ");
        String st = scan.next();
        System.out.println("Enter any double: ");
        double d = scan.nextDouble();

        multiple<String, Integer> tgObj = new multiple<String, Integer>(s, i);
        tgObj.showTypes();

        String str = tgObj.getob1();
        System.out.println("value of set 1: " + str);
        int v = tgObj.getob2();
        System.out.println("value of set 1: " + v);

        System.out.println();

        multiple<String, Double> tObj = new multiple<String, Double>(st, d);
        tObj.showTypes();

        String strn = tObj.getob1();
        System.out.println("value of set 2: " + strn);
        double vd = tObj.getob2();
        System.out.println("value of set 2: " + vd);
    }
}
```


Command Prompt

(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\eshan>d:

D:\>cd java

D:\java>java Main2

Enter any string:

sam

Enter any integer:

6

Enter any string:

ram

Enter any double:

22.56

Type of first: java.lang.String

Type of second: java.lang.Integer

value of set 1: sam

value of set 1: 6

Type of first: java.lang.String

Type of second: java.lang.Double

value of set 2: ram

value of set 2: 22.56

D:\java>