

## 7. Java Program for objects passing to methods.

**Objective:** To learn object passing to methods

**Description and Code:** Create a java file and save it as Program7.java and put following code into this file: -

```
// Java Program for objects passing to methods.
```

```
// Creating a Class
```

```
class ObjectPass
```

```
{
```

```
    int a, b;
```

```
    // Constructor
```

```
    ObjectPass(int i, int j)
```

```
    {
```

```
        a = i;
```

```
        b = j;
```

```
    }
```

```
    boolean equalTo(ObjectPass obj)    // Method
```

```
    {
```

// Returns true if obj is equal to the invoking object, an object is passed as an argument to method

```
        return (obj.a == a && obj.b == b);  
    }  
}
```

// Main class

```
public class Program7
```

```
{
```

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

```
    {
```

```
        // Creating object
```

```
        ObjectPass obj1 = new ObjectPass(11, 22);
```

```
        ObjectPass obj2 = new ObjectPass(11, 22);
```

```
        ObjectPass obj3 = new ObjectPass(11, 12);
```

```
        // Checking whether object are equal with different values or not
```

```
        System.out.println("obj1 == obj2 " + obj1.equalTo(obj2)); // print boolean  
value as result
```

```
        System.out.println("obj1 == obj3 " + obj1.equalTo(obj3)); // print boolean value  
as result
```

```
    }  
}
```

**Expected Output:**

obj1 == obj2 true

obj1 == obj3 false