

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

shakira src MyClass.java MyClass main

Project

MyClass.java Object.java

Run: MyClass

"C:\Program Files\Java\jdk1.8.0_261\bin\java.exe" ...

Ob1: 5

Ob2: 4

Sum: 9

Ob1: 3.05

Ob2: 4.02

Sum: 7.069999999999999

Ob1: Hello,

Ob2: How are you?

Concatanation: Hello, How are you?

Process finished with exit code 0

```
System.out.println("Final marks are :"  
    + final + " ");  
}
```

LAB-7

```
class Generics < T, U > {  
    T ob1;  
    U ob2;  
    Generics(T x, U y) {  
        ob1 = x;  
        ob2 = y; }  
}
```

```

T getob1() {
    return ob1; }
U getob2() {
    return ob2; }
void display() {
    System.out.println("Ob1: " + getob1() + "ob2: "
        + getob2()); }
U join() {
    if (ob1 instanceof Integer && ob2 instanceof
        Integer) {
        int i1 = (Integer) getob1();
        int i2 = (Integer) getob2();
        return (U) new Integer(i1+i2); }
    else if (ob1 instanceof Double && ob2 instanceof
        Double) {
        double d1 = (Double) getob1();
        double d2 = (Double) getob2();
        return (U) new Double(d1+d2); }
    else if (ob1 instanceof String && ob2 instanceof
        String) {
        String s1 = (String) getob1();
        String s2 = (String) getob2();
        return (U) new String(s1+s2); }
    else {
        return (U) new String("ERROR! ob1 and ob2
            type Mismatch");
    } }
}

```

```

class MyMain {
    public static void main() {
        Generics < Integer, Integer > Obj = new Generics
        < Integer, Integer > (5, 4);
    }
}

```

classmate
Date _____
Page _____

```

iobj.display();
System.out.println("Sum: " + iobj.join());
Generics<Double, Double> dobj = new Generics
<Double, Double>(03.05, 4.02);
dobj.display();
System.out.println("Sum: " + dobj.join());
Generics<String, String> sobj = new
Generics<String, String>("Hello",
"how are you");
sobj.display();
System.out.println("Sum: " + obj
("Concatenation: " + sobj.join()));
}}

```

LAB-8

class father {