```
class Example {

  void show(String a, String b) {
    java.util.Scanner sc = new java.util.Scanner(System.in);
    System.out.print("Enter the " + a + " class string: ");
    String c = sc.nextLine();
    System.out.println(b + " class string is: " + c);
  }
}

public class SingleInheritance {

  public static void main(String[] args) {
    Example ob1 = new Example();
    ob1.show("first", "First");
    Example ob2 = new Example();
    ob2.show("second", "Second");
  }
}
```

Second Program

```
package q11264;

class Student {

  int id;
  String name;

  void setData(int a, String b) {
    this.id = a;
    this.name = b;
  }

  void displayData() {
    System.out.println("Id : " + id);
    System.out.println("Name : " + name);
  }
}
```

```
class Marks extends Student {

  float javaMarks, cMarks, cppMarks;

  void setMarks(float c, float d, float e) {
    this.javaMarks = c;
    this.cMarks = d;
    this.cppMarks = e;
  }

  void displayMarks() {
    System.out.println("Java marks : " + javaMarks);
    System.out.println("C marks : " + cMarks);
    System.out.println("Cpp marks : " + cppMarks);
  }
}

class Result extends Marks {

  float total, avg;

  void compute() {
    this.total = cppMarks + cMarks + javaMarks;
    this.avg = total / 3;
  }

  void showResult() {
    System.out.println("Total : " + total);
    System.out.println("Avg : " + avg);
  }
}
```

```java
public class MultilevelInheritance1     {

  public static void main(String[] args) {
    Result ob = new Result();
    ob.setData(Integer.parseInt(args[0]), args[1]);
    ob.setMarks(
      Float.parseFloat(args[2]),
      Float.parseFloat(args[3]),
      Float.parseFloat(args[4])
    );
    ob.compute();
    ob.displayData();
    ob.displayMarks();
    ob.showResult();
  }
}
```