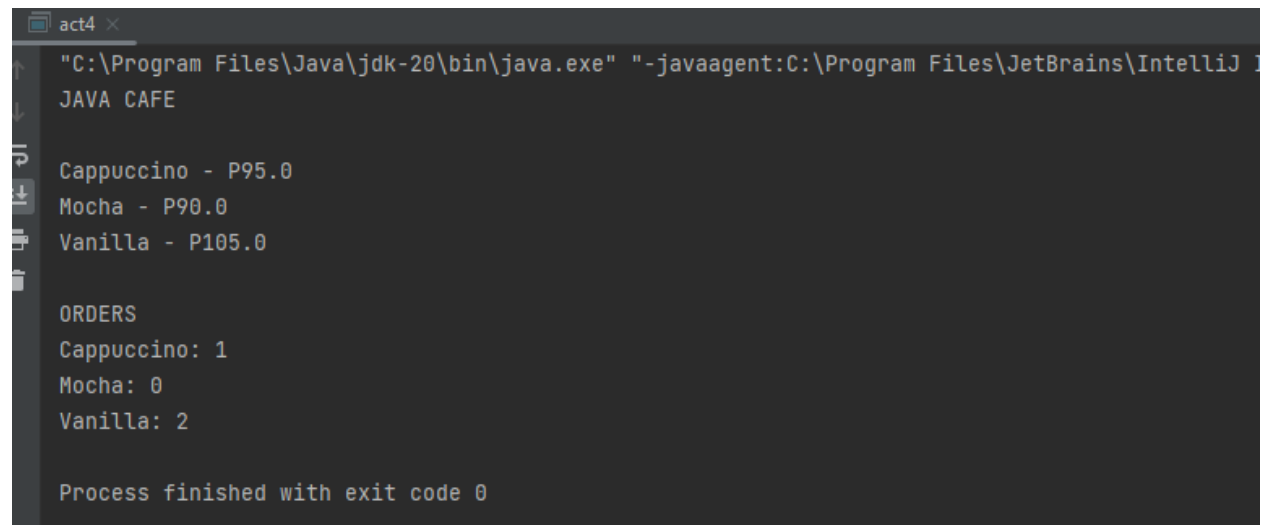


## ACTIVITY 1 – 1

### [Source Code]

```
public class act4 {  
    static String cap = "Cappuccino";  
    static String mo = "Mocha";  
    static String va = "Vanilla";  
  
    public static void main(String[] args) {  
  
        // Local Variables  
        double price_cap = 95.0;  
        double price_mo = 90.0;  
        double price_va = 105.0;  
  
        int cap_order = 1;  
        int mo_order = 0;  
        int va_order = 2;  
  
        System.out.println("JAVA CAFE\n");  
        System.out.println(cap + " - " + "P" + price_cap);  
        System.out.println(mo + " - " + "P" + price_mo);  
        System.out.println(va + " - " + "P" + price_va);  
  
        System.out.println("\nORDERS");  
        System.out.println(cap + ": " + cap_order);  
        System.out.println(mo + ": " + mo_order);  
        System.out.println(va + ": " + va_order);  
  
    }  
}
```

### [Output]



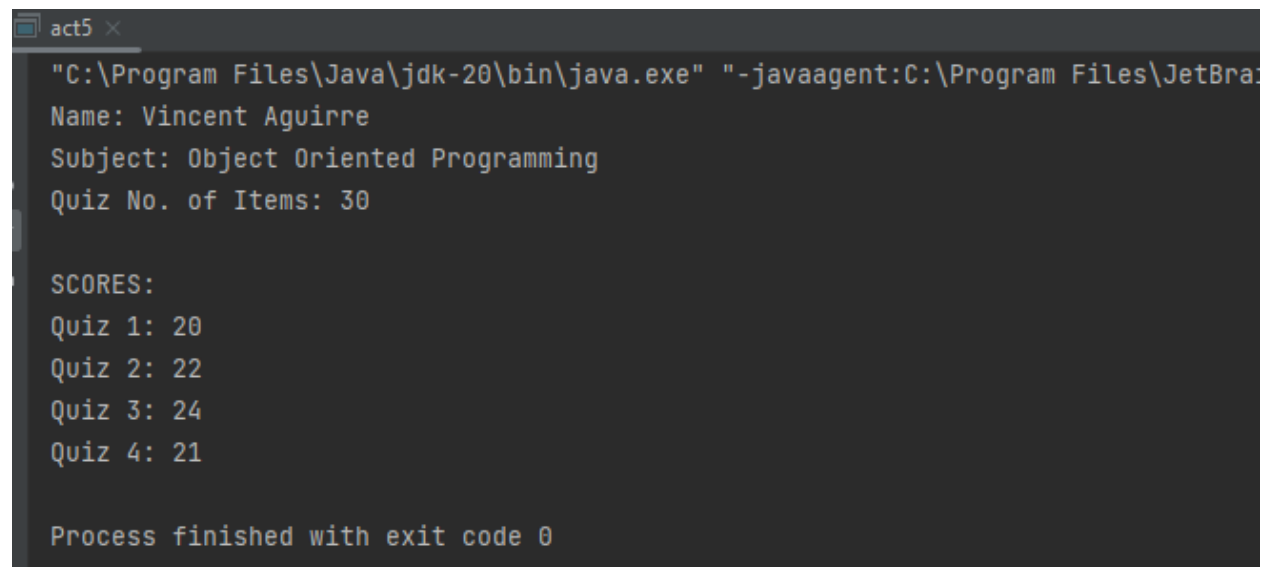
```
act4 x  
"C:\Program Files\Java\jdk-20\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ  
JAVA CAFE  
  
Cappuccino - P95.0  
Mocha - P90.0  
Vanilla - P105.0  
  
ORDERS  
Cappuccino: 1  
Mocha: 0  
Vanilla: 2  
  
Process finished with exit code 0
```

## ACTIVITY 1 – 2

### [Source Code]

```
public class act5 {  
    static String sub = "Object Oriented Programming"; // Global Variable  
    static String name = "Vincent Aguirre"; // Global Variable  
    static int q = 30; // Global Variable  
  
    /*  
     * They are global variable because they cannot be change and can be put in  
     * different scenarios  
     */  
  
    public static void main(String[] args) {  
  
        System.out.println("Name: " + name);  
        System.out.println("Subject: " + sub);  
        System.out.println("Quiz No. of Items: " + q);  
  
        System.out.println("\nSCORES: ");  
  
        System.out.println("Quiz 1: 20");  
        System.out.println("Quiz 2: 22");  
        System.out.println("Quiz 3: 24");  
        System.out.println("Quiz 4: 21");  
  
    }  
}
```

### [Output]



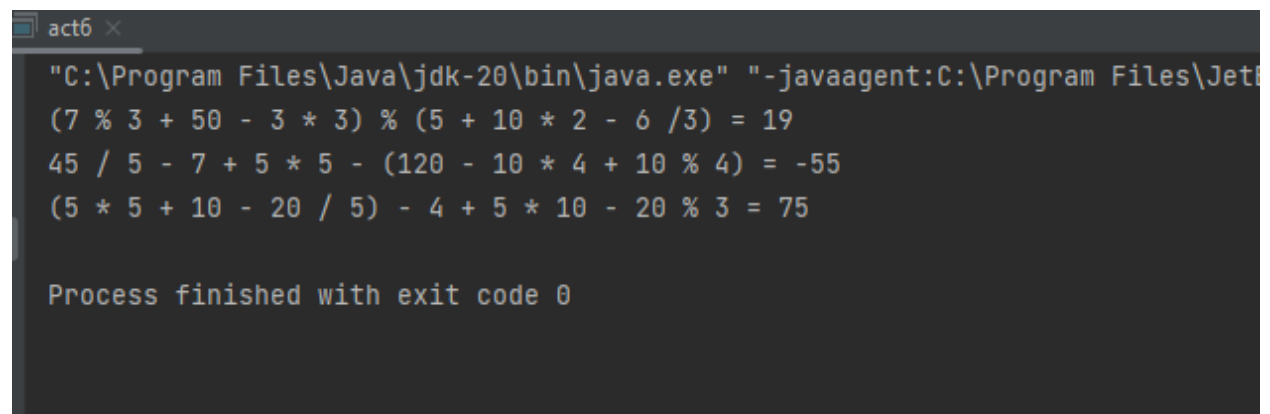
```
act5 x  
"C:\Program Files\Java\jdk-20\bin\java.exe" "-javaagent:C:\Program Files\JetBra:  
Name: Vincent Aguirre  
Subject: Object Oriented Programming  
Quiz No. of Items: 30  
  
SCORES:  
Quiz 1: 20  
Quiz 2: 22  
Quiz 3: 24  
Quiz 4: 21  
  
Process finished with exit code 0
```

## Activity 1 – 3

### [Source Code]

```
public class act6 {  
    public static void main(String[] args) {  
  
        System.out.println("(7 % 3 + 50 - 3 * 3) % (5 + 10 * 2 - 6 / 3) = " + ((7 % 3 + 50 - 3 *  
3) % (5 + 10 * 2 - 6 / 3)));  
        System.out.println("45 / 5 - 7 + 5 * 5 - (120 - 10 * 4 + 10 % 4) = " + (45 / 5 - 7 + 5 *  
5 - (120 - 10 * 4 + 10 % 4)));  
        System.out.println("(5 * 5 + 10 - 20 / 5) - 4 + 5 * 10 - 20 % 3 = " + ((5 * 5 + 10 - 20 /  
5) - 4 + 5 * 10 - 20 % 3));  
  
    }  
}
```

### [Output]



```
act6 x  
"C:\Program Files\Java\jdk-20\bin\java.exe" "-javaagent:C:\Program Files\Jeti  
(7 % 3 + 50 - 3 * 3) % (5 + 10 * 2 - 6 / 3) = 19  
45 / 5 - 7 + 5 * 5 - (120 - 10 * 4 + 10 % 4) = -55  
(5 * 5 + 10 - 20 / 5) - 4 + 5 * 10 - 20 % 3 = 75  
  
Process finished with exit code 0
```