

Lab Experiment 01

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Q1 – WAP to implement constructor in Java

P1

Code :

```
class insertRecord {

    int id;
    String name;
    String position;

    insertRecord(int id, String name, String position) {

        this.id = id;
        this.name = name;
        this.position = position;
    }
}

class records {

    public static void main(String[] args) {

        insertRecord rec1 = new insertRecord(666 , "Aromal S K", "CEO");
        System.out.println("ID : " + rec1.id + "\nName : " + rec1.name +
"\nPosition : " + rec1.position);
        insertRecord rec2 = new insertRecord(69 , "Roymen Sukuna", "VP");
        System.out.println("\n\nID : " + rec2.id + "\nName : " + rec2.name +
"\nPosition : " + rec2.position);
        insertRecord rec3 = new insertRecord(42 , "Satoro Gojo", "AVP");
        System.out.println("\n\nID : " + rec3.id + "\nName : " + rec3.name +
"\nPosition : " + rec3.position);
    }
}
```

Output :

```
de\User\workspaceStorage\4d32946a53b26be
```

```
ID : 666
```

```
Name : Aromal S K
```

```
Position : CEO
```

```
ID : 69
```

```
Name : Roymen Sukuna
```

```
Position : VP
```

```
ID : 42
```

```
Name : Satoro Gojo
```

```
Position : AVP
```

```
PS F:\Coding\Codes\Java\Assignment>
```

P2

Code :

```
class Cars {
    void cars() {
        System.out.println("There are many Category of Cars....");
    }
}

class SuperCar extends Cars {
    void supercars() {
        System.out.println("One of those categories is Supercars....");
    }
}

class NissanGTR extends SuperCar {
    void gtr() {
        System.out.println("NISSAN GTR is a Super Car");
    }
}

class TestInheritance {
    public static void main(String[] args) {
        NissanGTR d = new NissanGTR();
        d.cars();
        d.supercars();
        d.gtr();
    }
}
```

Output :

```
PS F:\Coding\Codes\Java\p1> & 'F:\Coding\So
ding\Codes\Java\p1\bin' 'TestInheritance'
There are many Category of Cars....
One of those categories is Supercars....
NISSAN GTR is a Super Car
PS F:\Coding\Codes\Java\p1>
```