## **Object Oriented programming**

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Section:V

Lab Work

<mark>(1).</mark>

```
public class AddressInfo {
    String street, city, state, postalCode;

    public AddressInfo(String street, String city, String state, String postalCode)
    {
        this.street=street;
        this.city=city;
        this.state=state;
        this.postalCode=postalCode;
    }
}
```

```
public class InsuranceInfo {
    String policyName;
    int policyId;
    public InsuranceInfo(String policyName, int policyId)
    {
        this.policyId=policyId;
        this.policyName=policyName;
    }
}
```

```
public class Main {
    public static void main(String[] args) {
        AddressInfo addressInfo= new AddressInfo("Sector 4", "Uttara",
"Dhaka", "1711");
        InsuranceInfo insuranceInfo = new InsuranceInfo("Life
Insurance", 123);
        Employeee employeee = new Employeee("Mr. Rahim", addressInfo,
insuranceInfo);
        employeee.display();
    }
}
```

## <mark>(2).</mark>

```
public class Engine {
    public double capacity;
    public Engine (double capacity) {
        this.capacity=capacity;
    }
}
```

```
public class DashBoard {
    private double size;

    public DashBoard(double size) {
        this.size = size;
    }
}
```

```
public class Main {
   public static void main(String[] args) {
        Engine eng = new Engine(56.7);
        DashBoard db= new DashBoard(4.0);
        Volvo v=new Volvo(700,"20223","DHA3455",eng,db);
            v.drive();
        v.stop();
        v.changeFuel();
        v.model="V3. XC44";
        v.company="BMW";
}
```