```java
class automobile
{   public void start(){
    System.out.println("Engine starts running");
}
public void stop(){
    System.out.println("Engine stop running");
}
public void seating(){}
}

class car extends automobile{
    public void No_of_tyres(){
        System.out.println("Tehre are 4 tyres");
    }
    public void fuel(){
        System.out.println("petrol");
    }
    public void fuel(String f){
        System.out.println("Also run on"+f);
    }
    public void seating(){
        System.out.println("4 Seater");
    }
}
class Bike extends automobile{
    public void No_of_tyres(){
        System.out.println("Tehre are 2 tyres");
    }
    public void fuel(){
        System.out.println("petrol");
    }
    public void seating(){
        System.out.println("2 Seater");
    }
}
public class InterfaceEx{
    public static void main(String[] args) {
                automobile a = new automobile();
                car c = new car();
                Bike b = new Bike();
                a.start();

                b.No_of_tyres();
                b.fuel();
```

```
            b.seating();

            c.No_of_tyres();
            c.fuel();
            c.fuel("Diesel");
            c.seating();
            a.stop();
        }
}
```