

```

import java.io.*;
import java.util.Scanner;
class vehicle
{
String make,model,fueltype;
int year;
}
class truck extends vehicle
{
void fuc()
{
System.out.println("TRUCK : -");
make="iron";
model="tata";
year=2005;
fueltype="disel";
distance=50;
fuel_efficeincy
System.out.println("MAKE:-"+make);
System.out.println("MODEL:-"+model);
System.out.println("YEAR:-"+year);
System.out.println("FUEL_TYPE:-"+fueltype);
}
}
class car extends vehicle
{
void fuc1()
{
System.out.println("CAR : -");
make="iron";
model="rollsroyce";
year=2007;
fueltype="disel";
System.out.println("MAKE:-"+make);
System.out.println("MODEL:-"+model);
System.out.println("YEAR:-"+year);
System.out.println("FUEL_TYPE:-"+fueltype);
}
}
public class motorcycle extends vehicle
{
void fuc2()
{
System.out.println("MOTOR CYCLE : -");
make="iron";
model="duke";
year=2009;
fueltype="petrol";
System.out.println("MAKE:-"+make);
System.out.println("MODEL:-"+model);
System.out.println("YEAR:-"+year);
}
}

```

```
System.out.println("FUEL_TYPE:-"+fueltype);  
}
```

```
public static void main(String args[])  
{  
truck a=new truck();  
car b=new car();  
motorcycle c=new motorcycle();  
a.fuc();  
b.fuc1();  
c.fuc2();  
}  
}
```

OUTPUT:-

```
C:\Users\sunih\Documents\java>java motorcycle  
TRUCK : -  
MAKE:-iron  
MODEL:-tata  
YEAR:-2005  
FUEL_TYPE:-disel  
CAR : -  
MAKE:-iron  
MODEL:-rollsroyce  
YEAR:-2007  
FUEL_TYPE:-disel  
MOTOR CYCLE : -  
MAKE:-iron  
MODEL:-duke  
YEAR:-2009  
FUEL_TYPE:-petrol
```