

```
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";

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:\Windows\System32\cmd.e  x + v
Microsoft Windows [Version 10.0.22631.3880]
(c) Microsoft Corporation. All rights reserved.

C:\Users\sanja\OneDrive\Documents\csa0863>javac motorcycle.java

C:\Users\sanja\OneDrive\Documents\csa0863>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

C:\Users\sanja\OneDrive\Documents\csa0863>|
```