Program

```java
package constructors_java;

import java.util.Scanner;

class vehicle{

    String brand;

    int year;

    void startEngine()

    {

        System.out.println("Start the engine");

    }

}

class Car extends vehicle{

    String fuelType;

    @Override

    void startEngine() {

        System.out.println("car engine starts");

    }

    void drive()

    {

        System.out.println("car is driving");

    }

}

class truck extends vehicle{

    int loadCapacity;

    @Override

    void startEngine() {
```

```java
            System.out.println("truck engine starts");
        }
        void haul()
        {
            System.out.println("truck is hauling");
        }
}


public class vehicles_mainclass {

        public static void main(String[] args) {
                // TODO Auto-generated method stub
                Scanner balu = new Scanner(System.in);
                Car c1 = new Car();

                System.out.println("enter car brand:");
                c1.brand = balu.nextLine();
                System.out.println(c1.brand);


                System.out.println("enter year:");
                c1.year = balu.nextInt();
                System.out.println(c1.year);


                balu.nextLine();


                System.out.println("enter the fueltype:");
                c1.fuelType = balu.nextLine();
```

```java
            System.out.println(c1.fuelType);


            c1.startEngine();
            c1.drive();


            truck t1 = new truck();
            System.out.println("enter the truck brand");
            t1.brand = balu.nextLine();
            System.out.println(t1.brand);


            System.out.println("enter the year:");
            t1.year = balu.nextInt();
            System.out.println(t1.year);


            System.out.println("enter the loadcapacity:");
            t1.loadCapacity = balu.nextInt();
            System.out.println(t1.loadCapacity);


            t1.startEngine();
            t1.haul();

    }


}
```