

OPP LAB -07

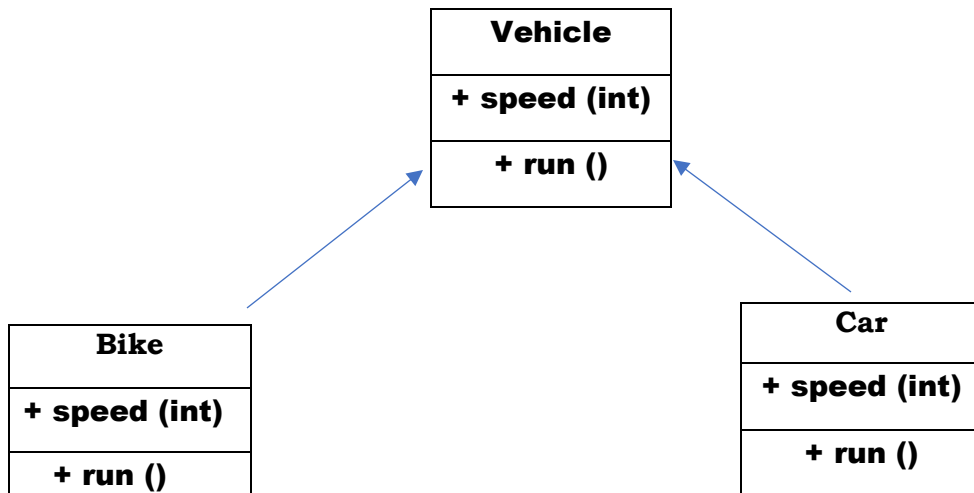
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Name: Anamika Dhar

Id: 221-15-4855

Sec: V

UML



CODE

```
public class Vehicle {
    public int speed;
    public void run() {
        System.out.println("This Vehicle is running at: "+this.speed);
    }
}
```

```
public class Car {
    public int speed;
    public void run() {
        System.out.println("This Car is running at: "+this.speed);
    }
}
```

```
public class Bike {
    public int speed;
    public void run() {
        System.out.println("This Bike is running at: "+this.speed);
    }
}
```

```

import java.util.Scanner;

public class Main {
    public static void main(String[] args) {
        Scanner in=new Scanner(System.in);

        int a=in.nextInt();
        int b=in.nextInt();
        int c=in.nextInt();

        Vehicle obj1=new Vehicle();
        obj1.speed=a;
        obj1.run();

        Car obj2=new Car();
        obj2.speed=b;
        obj2.run();

        Bike obj3=new Bike();
        obj3.speed=c;
        obj3.run();
    }
}

```

<u>Input</u>	<u>Output</u>
<u>300</u>	<u>This Vehicle is running at: 300</u>
<u>200</u>	<u>This Car is running at: 200</u>
<u>150</u>	<u>This Bike is running at: 150</u>