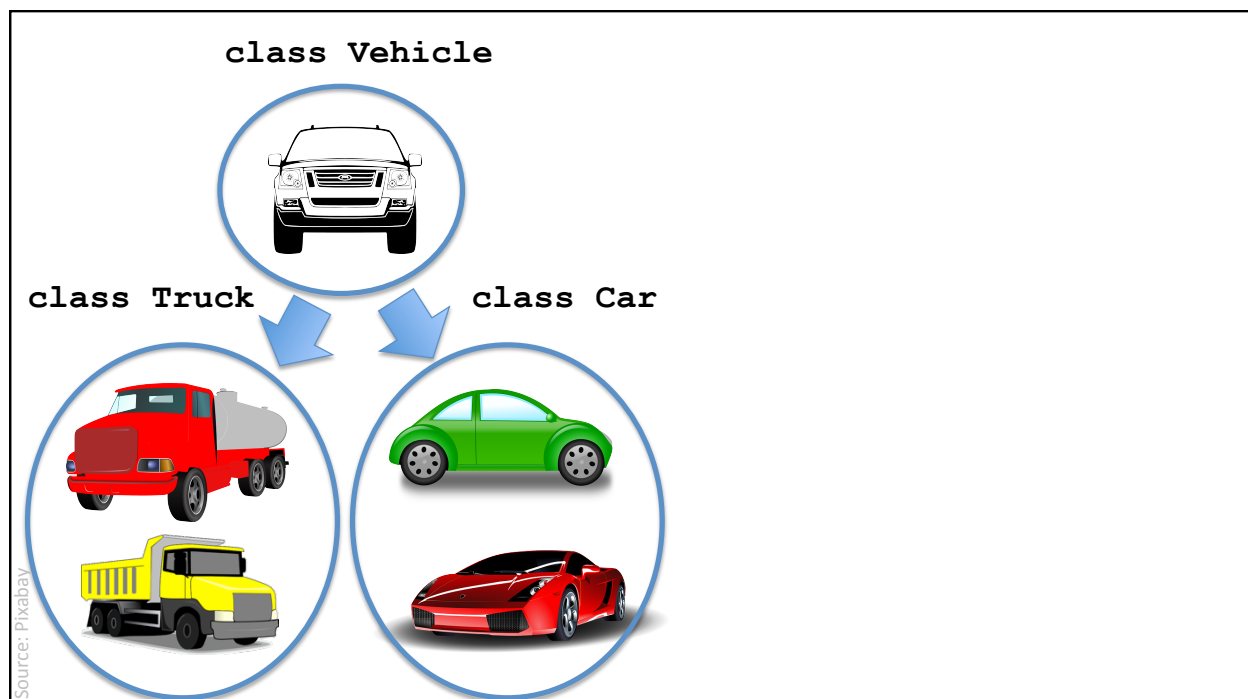



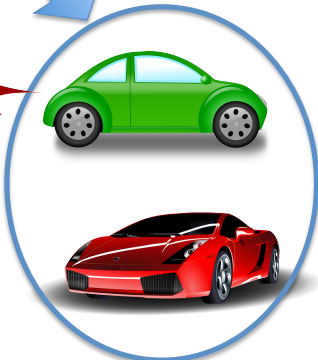
CASTING



class Vehicle



class Car




Source: Pixabay

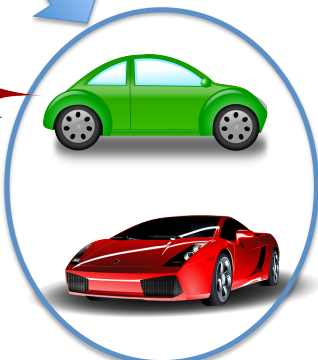
Casting

```
Vehicle v = new Vehicle();  
Car c = new Car();  
  
v = c; ?      c = v; ?
```

class Vehicle



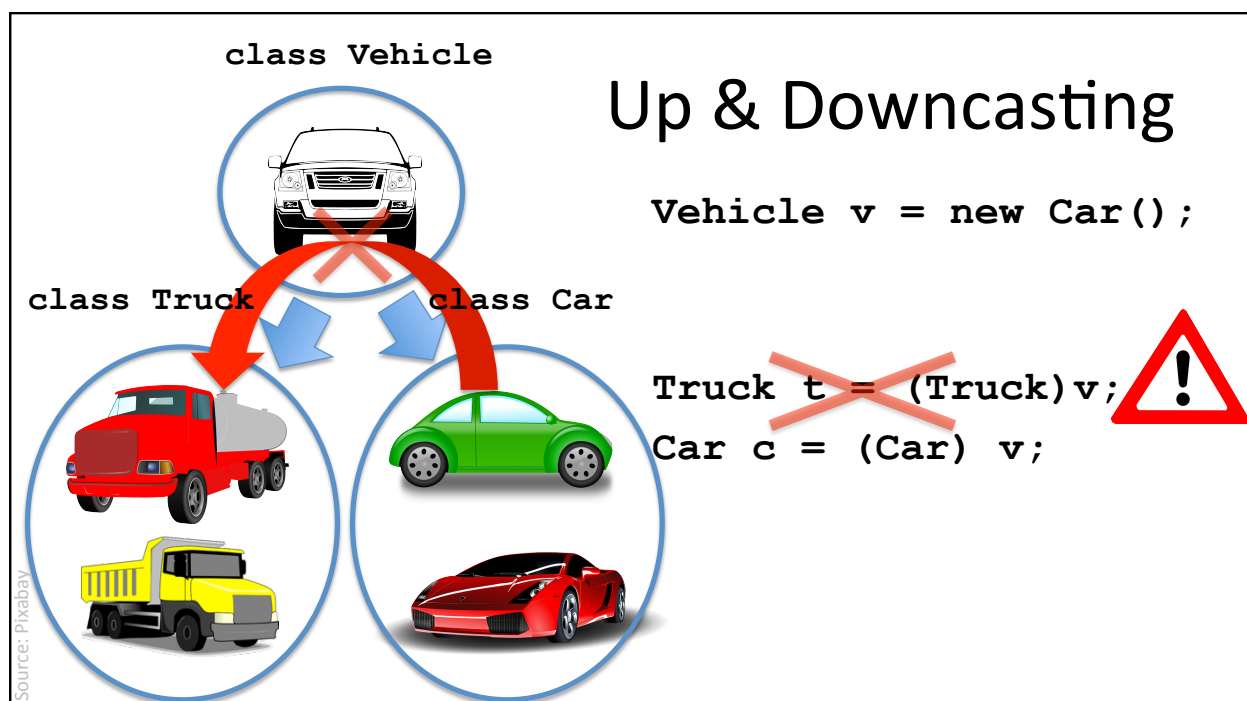
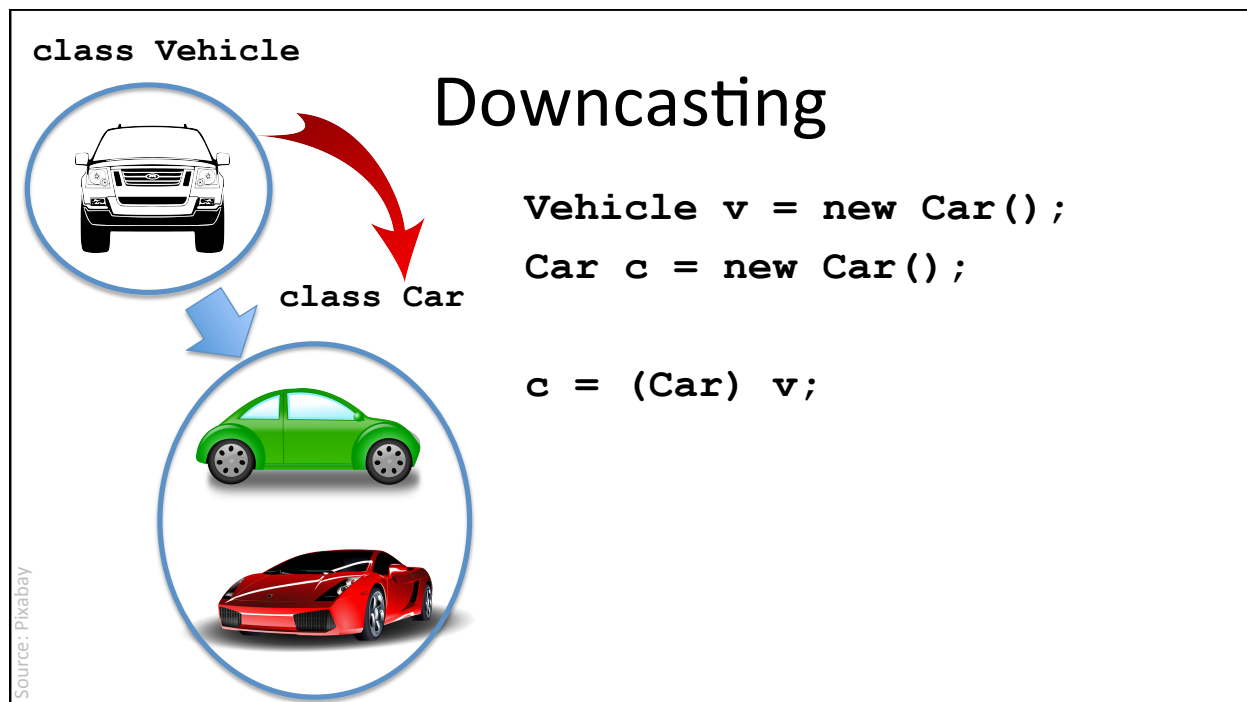
class Car

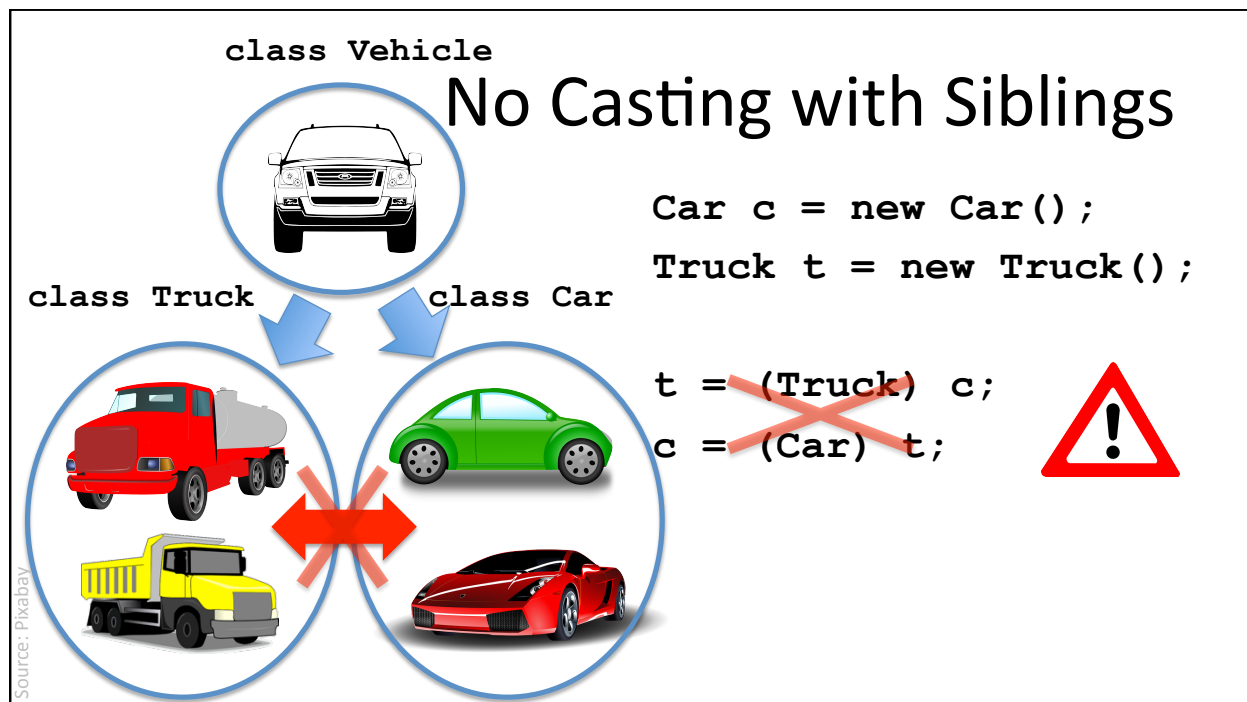


Source: Pixabay

Upcasting

```
Vehicle v = new Vehicle();  
Car c = new Car();  
  
v = (Vehicle) c;  
v = c;
```





Conversion of Primitive Types

`String s = "1"+1;` **"11"**

- Widening

`int → double`

- Narrowing

`double → int`

Widening

```
double d = (double) 3; 3.0
```

```
double e = 1.0 * 3; 3.0
```

Narrowing



```
int n = (int) 3.6; 3
```

```
int m = 1234567890; float f = m;  
int dif = m - (int)f; -46
```

