

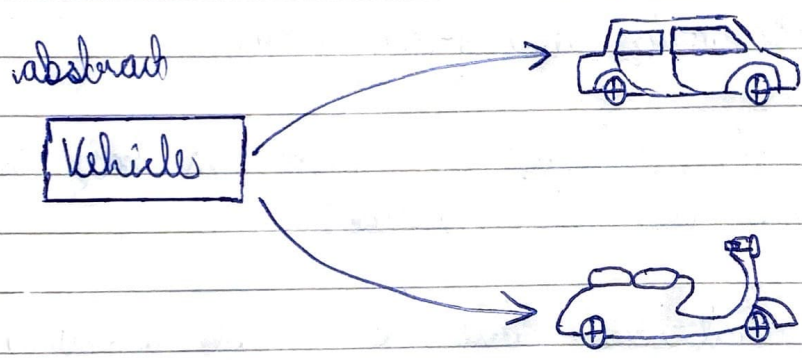
← OOPS Abstraction →

[0]

Abstraction is an important concept of object-oriented programming that allows us to hide unnecessary details and only show the needed information.

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This allows us to manage complexity by summing or hiding details with a simple, higher level idea.



→ implements.

→ Multiple Inheritance.

→ JAVA INTERFACES →

[•]

An interface is an fully abstract class. It includes a group of abstract methods
[methods without a body].

We use the interface keyword to create an interface in java.

We can achieve multiple inheritance using interface in java.

[•]

Like abstract classes, we cannot create objects of interfaces.

To use an interface, other classes must implement it. We use the implements keyword to implement an interface.

Example 1 :

interface language

{

public void get Type ();

public void get Version ();

}

Example 2:

```

-> interface Animal
{
    public void run();
}

```

```

-> class Tiger implements Animal
{
    public void run()
    {
        Sys.out.print("Tiger Runs");
    }
}

```

```

-> class Lion implements Animal
{
    public void run()
    {
        Sys.out.print("Lion Runs");
    }
}

```

-> While creating the object

```

Animal Lion = new Lion();
Animal Tiger = new Tiger();

```