

14. Java Interface in Depth.

We all know about interfaces. There are few additional topics which we might tend to forget.

```
interface shape {  
    int MAX-HEIGHT=10;  
    public void draw();
```

Inside Interface All variables declared are implicitly Static and final as well

```
abstract public int getArea();
```

```
abstract public int getPerimeter();
```

[These are Constants basically]

}
Java Implicitly adds abstract keyword to the front

```
abstract class AbstractShape implements shape {
```

```
    public void draw() {
```

Some Implementation

*** Imp
Interface ~~Need not~~ got implemented by Abstract Class.

```
abstract  
abstract public void printShape();
```

↓
[Own Abstract method of itself]

Abstract Class does not need to implement all methods of the Interface.

*** V-Imp

Starting Java 8 Default and Static methods can have implementations inside interface.

```
interface Shape {
```

```
    public static void getShape() {
```

```
        // Some Implementation
```

```
    }
```

```
    public default void getNewShape() {
```

```
        // Some Implementation.
```

```
    }
```