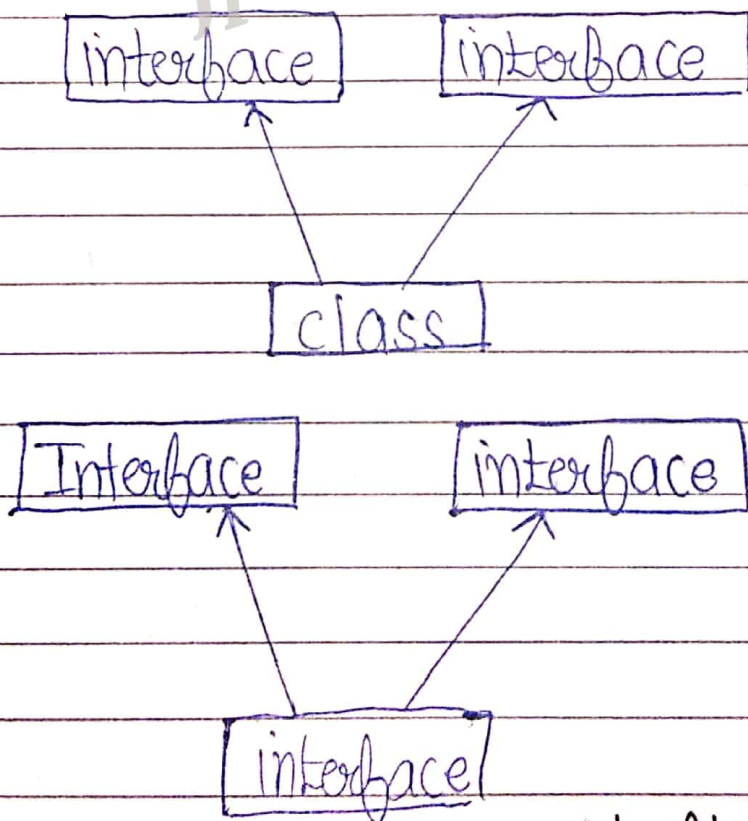


* Multiple inheritance using interfaces :-

- A Java class can only extend one parent class.
- (Multiple Inheritance is not allowed.)
- Interfaces are not classes, however an interface can extend more than one parent interface.

If a class implements multiple interfaces, or an interface extends multiple interfaces, it is also known as multiple inheritance.



Multiple Inheritance.

- _ / _ / _
- The extends keyword is used once, and the parent interfaces are declared in a comma separated list.

for example:-

```
public interface Hockey extends A, B
```

Program for Multiple Inheritance in Java:-

```
interface Printable
```

```
{
```

```
    void print();
```

```
}
```

```
interface Showable
```

```
{
```

```
    void show();
```

```
}
```

```
class Main implements Printable, Showable
```

```
{
```

```
    public void print()
```

```
    {
```

```
        System.out.println("Hello");
```

```
    }
```

```
public void show()
```

```
{
```

```
System.out.println("jpwebdevelopers");
```

```
}
```

```
public static void main (String args[])
```

```
{
```

```
Main obj = new main();
```

```
obj.print();
```

```
obj.show();
```

```
}
```

```
}
```

Output :-

Hello
jpwebdevelopers.