

## الفرق بين الـ **interface** و الـ **abstract class**

1 ( من حيث multiple inheritance :

Interface:

A class may inherit several interfaces.

Abstract Class:

A class may inherit only one abstract class

2 ( من حيث Default implementation :

Interface:

An interface can't provide any code, just the signature.

Abstract Class:

An abstract class can provide a complete, default code or just the details that must be overridden.

3 ( من حيث Access Modifiers :

Interface:

Can't have access modifiers (function, variable) everything is public.

Abstract Class:

Can contain access modifiers (function, variable)

3 ( من حيث Field and constants :

Interface:

No fields can be defined in the interface.

Abstract Class:

An abstract class can have a field and constant definition.