

### 1.What is an interface in Java?

**Ans:** Interface is just a class, which contains only abstract methods.

### 2. Which modifiers are allowed for methods in an interface with example?

**Ans:** only abstract and public methods are allowed in an interface.

### 3. What is use of interface in Java?

**Ans:** by using interface we can achieve 100% full abstraction. Developers use interfaces for customize features differently for different objects. By using interfaces, we can achieve multiple inheritance in java.

### 4. Difference between abstract class and interface in Java.

**Ans:**

S.No.	Abstract Class	Interface
1.	An abstract class can contain both abstract and non-abstract methods.	Interface contains only abstract methods.
2.	An abstract class can have all four; static, non-static and final, non-final variables.	Only final and static variables are used.
3.	To declare abstract class abstract keywords are used.	The interface can be declared with the interface keyword.
4.	It supports multiple inheritance.	It does not support multiple inheritance.
5.	The keyword 'extend' is used to extend an abstract class	The keyword implement is used to implement the interface.
6.	It has class members like private and protected, etc.	It has class members public by default.

