**Abstract class vs Interface.**

1.In Abstract class we can implement default methods there itself. where as in Interface we cannot do implementation of methods.

2.An Abstract class is implemented using “extends” keyword and in interface we use “implements” keyword for the implementation of class.

3.A class can only extend one Abstract class whereas in case of interface it can implements multiple interfaces.

4.We can have constructors in Abstract class and we cannot have constructors in interface.

5.An abstract class can extend another class and can implements multiple java interfaces where as interface can extend another java interface only.

6.An “abstract” keyword should be given for declaring a method. whereas in interface we can declared normally.

7.An abstract class can have abstract methods as well as normal methods whereas in interface we have all methods as abstract which we cannot define.

8.We cannot initiate the abstract class and we cannot create the object of interface.

9.We can use non-final variables in abstract class where as interface will have only final variable by default.

10.syntax for abstract class.

abstract class<class name> {

Public abstract void <method name> (); {

}

}

11.syntax for interface.

interface <class 1> {

Void <method name> ();

}

<class 2> implements <class 1> {

Public void <method name> () {

}

}