**Difference between interface and abstract class :-**

**Interface :-**

* If we don't know anything about implementation just we have requirement specification then we should go for interface.
* Inside interface every method is always public and abstract whether we are declaring or not.
* We can't declare interface method with the following modifiers.

Public---private, protected

Abstract---final, static, synchronized

* Every variable present inside interface is always public ,static and final whether we are declaring or not.
* Inside interface we can’t declare instance block and static blocks. otherwise we get compile time error.
* Inside interface we can’t declare constructors, Because in interface every variable is always static.

**Abstract class :-**

* If we are talking about implementation but not completely(partial implementation)then we should go for abstract class.
* Every method present in abstract class need not be public and abstract. in addition to abstract method we can take concrete method also.
* There are no restriction on abstract class method modifiers.
* The variable present inside abstract class need not be public static and final.
* Inside abstract class we can declare instance block and static blocks.
* Inside abstract class we can declare constructor, which will be executed at the time of child object creation.