What is the difference between interface and abstract class

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| Interface | Abstract Class |
| No details regarding implementation. When you have only requirement specifications. Can’t have implementation for its members(methods) | When you have partial details of implementation we should go for abstract class. Can have implementation. |
| By default every method in interface is public and abstract(by default when if not declared). | Every method need not be public and abstract. You have concrete methods present along with abstract methods. By default private. |
| Interface provides full abstraction | Doesn’t provide full abstraction. Abstract classes can have non abstract members too. |
| Can achieve multiple inheritance | Can’t achieve multiple inheritance |
| Can’t use any access modifiers(private,protected,internal) by default everything is public | Interface member cannot be defined using the keywords static, virtual, abstract or sealed |
| Has a -> relationship  Can’t have fields | Is a -> relationship  Can have fields |
| Interfaces can inherit from only other interfaces | Abstract classes can inherit from abstract classes or interfaces |
| Use when you have to mandate the use methods and don’t need fields | When you have parent child relation and child class has fields and methods specific to parent |