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Difference Between Abstract Class and Interface in C#

1. An abstract class is known as a certain kind of class which may contain an explanation with no implementation. On the other hand, an interface is just a pattern that is not capable of doing anything. So technically it is just a shell, which is empty.
2. A class can use one abstract class only, therefore more than one inheritance is not supported. On the other hand, an inheritance can support various inheritance, meaning a class can inherit any number of inheritances.
3. An abstract class can contain a few access modifiers such as subs, functions, properties, etc. While an interface is not allowed to contain access modifiers and all methods have to be inevitably defined as public.
4. An abstract class tends to act as a base class for all other classes so it is capable of declaring or using any variable while an interface is not allowed to declare any.
5. An abstract class tends to use itself to define the main identity of a class and can be used for objects of a similar type of date. And an interface is used to define the peripheral ability of a class.



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Source and more details: <https://askanydifference.com/difference-between-arithmetic-and-geometric-sequence/>