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## # Difference between abstract class and interface.

Abstract class	Interface
1) Can have both abstract and non-abstract methods	1) All methods are abstract by default (until Java 7).
2) Can have <u>constructors</u> .	2) Cannot have <u>constructors</u> .
3) Fields can be accessed by any access modifier.	3) Fields are public, static and final by default.
4) Can have <u>instance variables</u> .	4) Cannot have <u>instance variables</u> .
5) A class can extend only one abstract class.	5) A class can <u>implement</u> multiple <u>interfaces</u> .
6) Share a common base for a class.	6) Follow a common behaviour for a class.
7) Slower to achieve complete abstraction.	7) Fully abstract by default.
8) Uses <u>extends</u> keyword	8) Uses <u>implements</u> keyword