Abstraction

* Process of hiding the internal details & showing only the functionality to user
* 2 ways:
* Abstract class
* Interface

Abstract class

* A class declared with abstract keyword
* It provides 0-100% data hiding based on methods used within class
* Methods of abstract class can be abstract or non abstract methods. It provides 100% data hiding if all methods are abstract
* Abstract class cannot be instantiated
* Abstract methods can be defined only in abstract class
* Abstract class will have constructor and static method
* Definition of all abstract method must be provided in extended class which is not abstract
* Abstract method will just include signature of method without its definition
* Abstract class can have final methods
* Syntax

abstract class classname()

{

abstract returntype methodname()

{

}

}