

JAVA Access Modifiers

Topics : [JAVA](#)

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JAVA Access Modifiers is used to set access levels for classes, variables, methods and constructors.

Access Control Modifiers

There are four Access Modifiers as below.

- default - Accessible to the package. No modifiers are needed.
- private - Accessible to the class only
- public - Accessible to the all class and its all subclasses within in same package.
- protected - Accessible to the package and all subclasses

Non-Access Modifiers

There are below Non-Access Modifiers are available.

- static - It is used for class methods and variables
- final - It is used for finalizing implementations of classes, methods, and variables
- abstract - It is used for creating abstract classes and methods.
- synchronized - It is used for threads.

Example :

```
public class Shop{  
    // public access specifier for class  
  
    static final double cost = 4.3;  
    protected static final int quantity = 132;  
    private boolean isSold;  
  
    public static void main(String[] arguments) {  
        // main method  
  
    }  
  
}
```

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