

Modifiers :

1. Access Modifiers
2. Non-Access Modifiers

//Abstract class cannot be made final and abstract method cannot be made final
// If a reference variable is made final its state can be changed but cannot assign a new object reference to it.

Non-Access Modifiers :

// Abstract method cannot be made final ,static, private

1. static
2. final
3. abstract
4. synchronize
5. transient
6. volatile
7. strictfp

final :

final is a keyword, it is a non-access modifier.
 In java we can use final modifier for class, methods and variables.

Note:

We cannot use final for constructor or initializers(static and non-static blocks)

1. final variables :

A variable prefixed with final modifier is known as final variable.

final global variable can be initialized

➤ Global final variable

1.by declaring 2.in initializer blocks

➤ local final variable

3. In constructor

Note:

We can assign a value to a final variable only once, it cannot be replaced or modified.

Hence final variable behaves like a constant

Note:

➤ for global final variable, initializing the variable with the help of initializers is mandatory else we get Compile Time Error.

for ex refer, **app25**

final Methods:

a method prefixed with final modifier is known as final method.

A final method is inherited but it cannot be overridden.

Note:

We cannot Override a final method from the sub class.

For ex refer, **app25**

Assignment :

1. What is the difference between private and final keywords.
2. What is the difference between final method and private method.

final class :

A class prefixed with final modifier is known as final class.

A final class cannot be inherited.

for ex refer, **app25**