#Final keyword? -

F.K. restricts the user to _can't_

- Change the value of variable

- extend the parent class

→ override the method in child class.

→ Static   → final

→   Non static → final

Note: its mandatory to initialize the final variable.
once you assign the value to instance final variable
you can't change its value.

(I) Class A {

final int a; // Error

final int a = 10; // initialise
                   is mandatory

Non Static variable = Case II

Class A {

final int a;

public A ( ) {

a = 10;
}
}

Within Construction can assign the value once

psvmain (String [ ] a) {
    A obj = new A();
    obj.a = 100; // Error
}
}

{ We can't assign/change the value of final var in methods }

Static final Variable

\#

```
Class B {
final static int c = 10;
```

final static int C;

```
psvm(    ) {
    B b = new B();
}   c = 100; // Error, can't
                    change its value
}
```

what is diff. b/w final & static final?

→ We can declare the final non-static variable and initialize in constructor once.

final int a; | public constructor ( ) {
                                | a = 10;
                                | }

→ static final variable must be defined / initialize at the time of declaration.

final static int A = 100;