

Final

- Final is a keyword & modifier in java.
- Final can be used for a variable, method & a class.
- A variable declared with final keyword cannot be re-initialized ie it creates a constant.
- Eg:-

```

class OPEx
{
    public static void main (String args[])
    {
        final int birthYear = 2000;
        System.out.println(a);
        byte b = a; // Com, CTF if int is not final
        System.out.println(b);
    }
}

class OpEx
{
    public static void main (String args[])
    {
        final int a = 10;
        System.out.println(a);
        byte b = a;
        System.out.println(b);
    }
}

```

Swapping of numbers.

```
class SwapEx1
{
```

```
    public static void main (String args[])
    {
```

```
        int a = 2;
```

```
        int b = 4;
```

```
        System.out.println("Before Swapping");
```

```
        System.out.println("a: " + a + " b: " + b);
```

```
        int temp = a;
```

```
        a = b;
```

```
        b = temp;
```

```
        System.out.println("After Swapping");
```

```
        System.out.
```