

Java Concept 3

- Static local variables are **not allowed** in java
- But Static global variables **are allowed** in java

```
1 //No Error
2 class Java
3 {
4     //static global
5     static int x = 0;
6
7 }
```

```
1 //Error
2 class Java
3 {
4     static void fun()
5     {
6         //static local
7         static int x = 0;
8     }
9 }
```

```
1 //Creating Static global variable // No Error
2 class JavaConcept {
3     private static int x; //Static global variable
4     public static void main(String args[]) {
5         System.out.println("Static global : "+fun());
6     }
7     static int fun() {
8         return ++x;
9     }
10 }
```

run:
Static global : 1

```
1 //Creating Static local variable // Error
2 class JavaConcept {
3     public static void main(String args[]) {
4         System.out.println(fun());
5     }
6     static void fun() {
7         static int x= 0; // Static local variable
8         System.out.println("Static local variable : "+x);
9     }
10 }
```

Error- illegal signature