

Java Concept 57

- Local variable must be initialized

```
1 //Local variable not initialized
2 //Error
3 class Java
4 {
5     void fun()
6     {
7         int x ;
8     }
9 }
```

```
1 //Local variable initialized
2 //No Error
3 class Java
4 {
5     void fun()
6     {
7         int x = 100;
8     }
9 }
```

```
1 //local variable is initialized
2 // No Error
3 public class JavaConcept
4 {
5     public void method()
6     {
7         //Local variable
8         int i = 100;
9         System.out.println("Callig local variable : "
10             + " " +i);
11     }
12     public static void main(String args[])
13     {
14         JavaConcept obj = new JavaConcept();
15         obj.method();
16     }
17 }
```

run:
Callig local variable : 100

```
1 //local variable is not initialized // Error
2 public class JavaConcept
3 {
4     public void method()
5     {
6         int i;
7         System.out.println("Callig local variable : "
8             + "" +i);
9     }
10     public static void main(String args[])
11     {
12         JavaConcept obj = new JavaConcept();
13         obj.method();
14     }
15 }
```

Error - variable i might not have been initialized