Java Concept 44

- Interface
    1. Non static variable can be accessed inside static method
- Class
    1. Non static variable can not be accessed inside static method
- Because variable are static by default in interface

```
1  interface Java
2  {
3     //static variable
4     int version = 8;
5  }
```

```
1  interface Java
2  {
3     //static variable
4     static int version = 8;
5  }
```

```
1   //No Error
2   interface Animal
3   {
4      //Treated as Static
5      String colour = "Yellow"; //Non Static
6      static void colour()
7      {
8
9          System.out.println("Colour of animal is : "
10                 +colour);
11     }
12  }
13
14  public class JavaConcept
15  {
16      public static void main(String args[])
17         {
18            Animal.colour();
19         }
20  }
```
```
run:
Colour of animal is : Yellow
BUILD SUCCESSFUL (total time: 0 seconds)
```

```java
1   //Error
2   class Animal
3   {
4      //Treated as Non Static
5      String colour = "Yellow"; //Non Static
6      static void colour()
7      {
8
9          System.out.println("Colour of animal is : "
10                 +colour);
11     }
12  }
13
14  public class JavaConcept
15  {
16      public static void main(String args[])
17         {
18            Animal.colour();
19         }
20  }
```

Error - non-static variable colour cannot be referenced from a static context