Initialization Block

- There are two types of initialization blocks
  - Instance Initialization Block
  - Static Initialization Block

Instance Initialization Block

- An *instance initializer or Initialization block* declared in a class is executed when an instance of the class is created
- return keyword cannot be used in Initialization block
- Instance initializers are permitted to refer to the current object via the keyword this and to use the keyword super

Static initialization block

```
public class Test
{
  private static int k;
  static
  {
    System.out.println("Static Initialization Block: k="+k);
    k=10;
  }
  public static void main(String []args)
  {
    new Test();
  }
}
```

Static initialization block

- A *static initializer* declared in a class is executed when the class is initialized
- Static initializers may be used to initialize the class variables of the class
- return keyword cannot be used in static Initialization block
- this or super can not be used in static block