

```
C:\Users\Vinit>scala
Welcome to Scala version 2.10.5 (Java HotSpot(TM) 64-Bit
Server VM, Java 1.8.0_151).
Type in expressions to have them evaluated.
Type :help for more information.
```

```
scala> var num:Array[Int] = new Array[Int](3)
num: Array[Int] = Array(0, 0, 0)
```

```
scala> var num = new Array[Int](3)
num: Array[Int] = Array(0, 0, 0)
```

```
scala> num(0) = 25
```

```
scala> num(1) = 35
```

```
scala> num(2) = 50
```

```
scala> num
res3: Array[Int] = Array(25, 35, 50)
```

```
scala> num(1)
res4: Int = 35
```

```
scala>
```

```
scala> var num = Array(56,58,59)
num: Array[Int] = Array(56, 58, 59)
```

```
scala> num
res5: Array[Int] = Array(56, 58, 59)
```

```
scala> var num = Array(56,58,59.5)
num: Array[Double] = Array(56.0, 58.0, 59.5)
```

```
scala> var num = Array(56,58,59.5,52)
num: Array[Double] = Array(56.0, 58.0, 59.5, 52.0)
```

```
scala> val num = Array(56,58,59.5,52)
num: Array[Double] = Array(56.0, 58.0, 59.5, 52.0)
```

```
scala> num(1) = 22
```

```
scala> num
res7: Array[Double] = Array(56.0, 22.0, 59.5, 52.0)
```

```
scala> var num = new Array[Int](3)
num: Array[Int] = Array(0, 0, 0)
```

```
scala> var num = new Array[String](3)
num: Array[String] = Array(null, null, null)
```

```
scala> var num = new Array[Double](3)
num: Array[Double] = Array(0.0, 0.0, 0.0)
```

```
scala> var num = new Array[Any](3)
num: Array[Any] = Array(null, null, null)
```

```
scala> var num = Array(25,26,38,19,18)
num: Array[Int] = Array(25, 26, 38, 19, 18)
```

```
scala> print(num(1))
```

```
26
```

```
scala> num(1)
```

```
res9: Int = 26
```

```
scala> num(4)
```

```
res10: Int = 18
```

```
scala> num(5)
java.lang.ArrayIndexOutOfBoundsException: 5
    at .<init>(<console>:9)
    at .<clinit>(<console>)
    at .<init>(<console>:7)
    at .<clinit>(<console>)
    at $print(<console>)
    at
sun.reflect.NativeMethodAccessorImpl.invoke0(Native
Method)
    at
sun.reflect.NativeMethodAccessorImpl.invoke(Unknown
Source)
    at
sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown
Source)
    at java.lang.reflect.Method.invoke(Unknown
Source)
    at
scala.tools.nsc.interpreter.IMain$ReadEvalPrint.call(IMai
n.scala:734)
    at
scala.tools.nsc.interpreter.IMain$Request.loadAndRun(IMai
n.scala:983)
    at
scala.tools.nsc.interpreter.IMain.loadAndRunReq$1(IMain.s
cala:573)
    at
scala.tools.nsc.interpreter.IMain.interpret(IMain.scala:6
04)
    at
scala.tools.nsc.interpreter.IMain.interpret(IMain.scala:5
68)
```

```
        at
scala.tools.nsc.interpreter.ILoop.reallyInterpret$1(ILoop
.scala:760)
        at
scala.tools.nsc.interpreter.ILoop.interpretStartingWith(I
Loop.scala:805)
        at
scala.tools.nsc.interpreter.ILoop.command(ILoop.scala:717
)
        at
scala.tools.nsc.interpreter.ILoop.processLine$1(ILoop.sca
la:581)
        at
scala.tools.nsc.interpreter.ILoop.innerLoop$1(ILoop.scala
:588)
        at
scala.tools.nsc.interpreter.ILoop.loop(ILoop.scala:591)
        at
scala.tools.nsc.interpreter.ILoop$$anonfun$process$1.appl
y$mcZ$sp(ILoop.scala:882)
        at
scala.tools.nsc.interpreter.ILoop$$anonfun$process$1.appl
y(ILoop.scala:837)
        at
scala.tools.nsc.interpreter.ILoop$$anonfun$process$1.appl
y(ILoop.scala:837)
        at
scala.tools.nsc.util.ClassClassLoader$.savingContextLoade
r(ClassClassLoader.scala:135)
        at
scala.tools.nsc.interpreter.ILoop.process(ILoop.scala:837
)
        at
scala.tools.nsc.MainGenericRunner.runTarget$1(MainGeneric
```

```
Runner.scala:83)
    at
scala.tools.nsc.MainGenericRunner.process(MainGenericRunn
er.scala:96)
    at
scala.tools.nsc.MainGenericRunner$.main(MainGenericRunner
.scala:105)
    at
scala.tools.nsc.MainGenericRunner.main(MainGenericRunner.
scala)
```