1 两种方法

val声明的引用不可变

```
val a=123
或者
val a:Int = 123
```

var声明的可变，scala推荐使用val

```
var b="abc"
```

```
1 to 10
1.to(10)
1 until 10
```

1.1 for循环

```
for(i <- 1 to 10){
  println(i)
}
```

```
scala> val arr=Array("Java","scala","C#")
arr: Array[String] = Array(Java, scala, C#)

scala> for(i <- arr){
     | println(i)}
Java
scala
C#
```

```
scala> for(i <-1 to 3; j<- 1 to 3 if(i !=j))
println(i*10 + j)
12
13
21
23
31
32
```

```scala
scala> val res=for(i <- 1 until 10) yield i
res: IndexedSeq[Int] = Vector(1, 2, 3, 4, 5, 6, 7, 8, 9)

scala> println(res)
Vector(1, 2, 3, 4, 5, 6, 7, 8, 9)
```

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scala> val res=for(i <- 1 until 10) yield i
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