

ABHINANDAN SINGH PARMAR

22BTRAD001

LAB-3

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Command Prompt - scala

scala> println(range2 last)
9

scala> val range3=1 until 10 by 3
val range3: scala.collection.immutable.Range = Range 1 until 10 by 3

scala> println(range3 last)
7

scala> val range3= 1 to 10 by 3
val range3: scala.collection.immutable.Range = Range 1 to 10 by 3

scala> println(range3 last)
10

scala> var tuples=(2*5,"ten",10.0d,10.0f,10.0,(9,"NINE"))
var tuples: (Int, String, Double, Float, Double, (Int, String)) = (10,ten,10.0,10.0,10.0,(9,NINE))

scala> print(tuples_1)
      ^
error: not found: value tuples_1

scala> print(tuples_2)
      ^
error: not found: value tuples_2

scala> print(tuples._2)
ten
scala> print(tuples._1)
10
scala> print(tuples._6_2)
      ^
error: value _6_2 is not a member of (Int, String, Double, Float, Double, (Int, String))

scala> print(tuples._6_2)
NINE
scala> print(tuples._6_2)
NINE

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Command Prompt - scala

scala> val range= 1 to 10
val range: scala.collection.immutable.Range.Inclusive = Range 1 to 10

scala> import scala.language.postfixOps
import scala.language.postfixOps

scala> println(range last)
10

scala> val range2= 1 until 10
val range2: scala.collection.immutable.Range = Range 1 until 10

scala> println(range2 last)
9

scala> val range3=1 until 10 by 3
val range3: scala.collection.immutable.Range = Range 1 until 10 by 3

scala> println(range3 last)
7

scala> val range3= 1 to 10 by 3
val range3: scala.collection.immutable.Range = Range 1 to 10 by 3

scala> println(range3 last)
10

scala> var tuples=(2*5,"ten",10.0d,10.0f,10.0,(9,"NINE"))
var tuples: (Int, String, Double, Float, Double, (Int, String)) = (10,ten,10.0,10.0,10.0,(9,NINE))

scala> print(tuples_1)
      ^
error: not found: value tuples_1

scala> print(tuples_2)
      ^
error: not found: value tuples_2

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```

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Command Prompt - scala
scala> var lst=List("b","c","d")
var lst: List[String] = List(b, c, d)

scala> print(lst.head)
b
scala> print(lst.tail)
List(c, d)
scala> var lst2="a"::lst
var lst2: List[String] = List(a, b, c, d)

scala> var l1::2::3::4::Nil
var l1: List[Int] = List(1, 2, 3, 4)

scala> var l2=1::List(5,6)
var l2: List[Any] = List(List(1, 2, 3, 4), 5, 6)

scala> var l3=1::List(5,6)
var l3: List[Int] = List(1, 2, 3, 4, 5, 6)

scala> var lst=List("b","c","def")
var lst: List[String] = List(b, c, def)

scala> print(lst)
List(b, c, def)
scala> var lst=List("b","c","def",123)
var lst: List[Any] = List(b, c, def, 123)

scala> print(lst)
List(b, c, def, 123)
scala> var lst=List("b","c","def",a123)
                                ^
                                error: not found: value a123

scala> _

Command Prompt - scala

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

scala> var at=Array(4,4.7,Gasai Yuno)
                                ^
                                error: not found: value Gasai

scala> var at=Array(4,4.7,"Gasai Yuno")
var at: Array[Any] = Array(4, 4.7, Gasai Yuno)

scala> val mat=Array.ofDim[Int](3,4)
val mat: Array[Array[Int]] = Array(Array(0, 0, 0, 0), Array(0, 0, 0, 0), Array(0, 0, 0, 0))

scala> mat(1)(2)=3

scala>
```