

JAIN UNIVERSITY

SUBJECT :- SCALA PROGRAMMING


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Q) Write any two Scala programs from Lab manual, and upload the output to the LMS assignment .

Ans:

```
object scala_basic {  
  def test(x:Int, y:Int) : Boolean =  
  {  
    x == 30 || y == 30 || x + y == 30  
  }  
  
  def main(args: Array[String]): Unit = {  
    println("Result: " + test(30, 0));  
    println("Result: " + test(25, 5));  
    println("Result: " + test(30, 20));  
    println("Result: " + test(25, 20));  
  }  
}
```

HelloWorld.scala 3zmhaarty 

1 object scala_basic {
2 def test(x:Int, y:Int) : Boolean =
3 {
4 x == 30 || y == 30 || x + y == 30
5 }
6
7 def main(args: Array[String]): Unit = {
8 println("Result: " + test(30, 0));
9 println("Result: " + test(25, 5));
10 println("Result: " + test(30, 20));
11 println("Result: " + test(25, 20));
12 }
13 }

NEW SCALA RUN   

STDIN
Input for the program (Optional)

Output:
Result: true
Result: true
Result: true
Result: false

```
object scala_basic {  
  def test(x:Int) : Boolean =  
  {  
    Math.abs(100 - x) <= 20 || Math.abs(300 - x) <= 20  
  }  
  
  def main(args: Array[String]): Unit = {  
    println("Result: " + test(115));  
    println("Result: " + test(200));  
    println("Result: " + test(250));  
    println("Result: " + test(70));  
  }  
}
```

HelloWorld.scala3zmhaarty

NEWSCALASRUN

```
1 object scala_basic {
2   def test(x:Int) : Boolean =
3   {
4     Math.abs(100 - x) <= 20 || Math.abs(300 - x) <= 20
5   }
6
7   def main(args: Array[String]): Unit = {
8     println("Result: " + test(115));
9     println("Result: " + test(200));
10    println("Result: " + test(250));
11    println("Result: " + test(70))
12  }
13 }
14
```

STDIN

Input for the program (Optional)

Output:

Result: true
Result: false
Result: false
Result: false