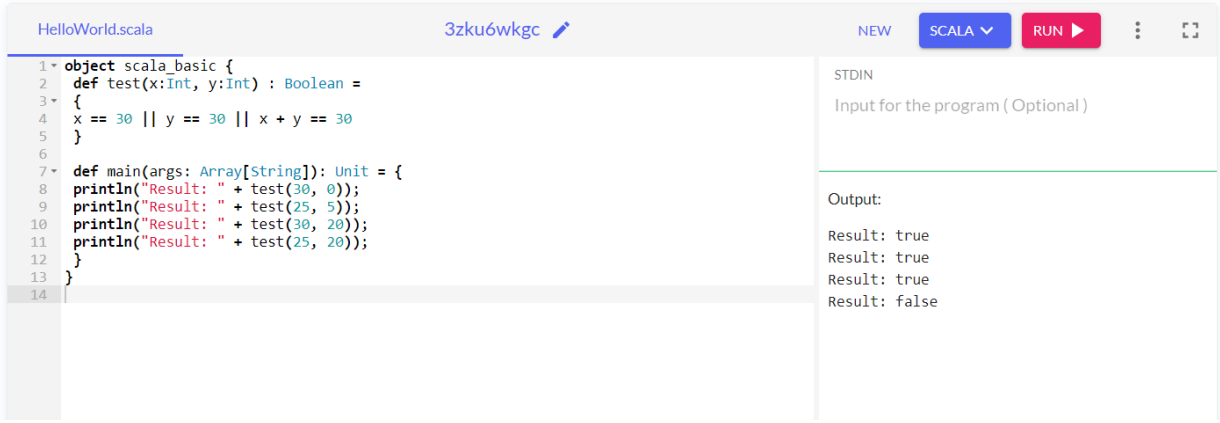
1. Write a Scala program to check two given integers, and return true if one of them is 30 or if their sum is 30

CODE:-

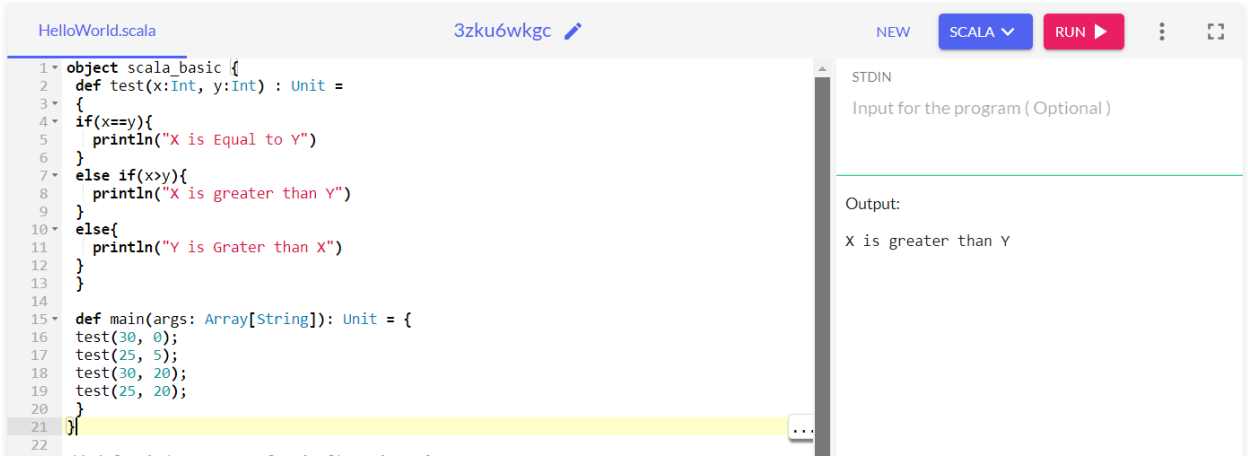
```
object scala_basic
{
 def test(x:Int, y:Int) :
Boolean = { x == 30 || y == 30 || x + y == 30
}
 def main(args: Array[String]):
 Unit = {
println("Result: " + test(30, 0));
println("Result: " + test(25, 5));
 println("Result: " + test(30, 20));
 println("Result: " + test(25, 20));
}
 }
```



2.Check if X is Greater or Y
CODE:-

```
object scala_basic {
def test(x:Int, y:Int) : Unit =
{
if(x==y){
  println("X is Equal to Y")
}
else if(x>y){
  println("X is greater than Y")
}
else{
  println("Y is Grater than X")
}
}

def main(args: Array[String]): Unit = {
test(30, 0);
test(25, 5);
test(30, 20);
test(25, 20);
}
}
```



3. Write a Scala program to check a given integer and return true if it is within 20 of 100 or 300.
CODE:-

```
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));
 }
 }
```