Practical Number: 13

Title: Write a simple program in SCALA using Apache Spark framework.

Code:

Sample Code to print Statement

```
object ExampleString {

    def main(args: Array[String]) {
        //declare and assign string variable "text"
        val text : String = "You are reading SCALA programming language.";
        //print the value of string variable "text"
        println("Value of text is: " + text);
    }
}
```

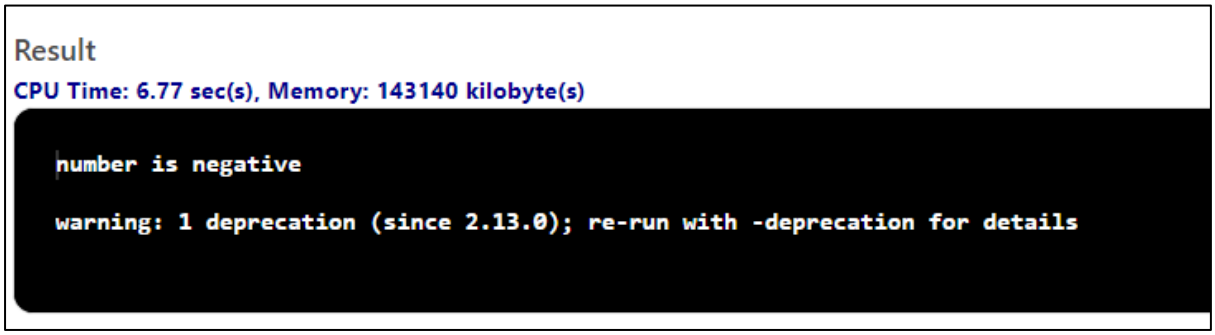
Output:

```
Result
CPU Time: 4.73 sec(s), Memory: 140148 kilobyte(s)

Value of text is: You are reading SCALA programming language.

warning: 1 deprecation (since 2.13.0); re-run with -deprecation for details
```

Scala program to find a number is positive, negative or positive.

```
object ExCheckNumber {
    def main(args: Array[String]) {
        /**declare a variable*/
        var number= (-100);
        if(number==0){
            println("number is zero");
        }
        else if(number>0){
            println("number is positive");
        }
        else{
            println("number is negative");
        }
    }
}
```

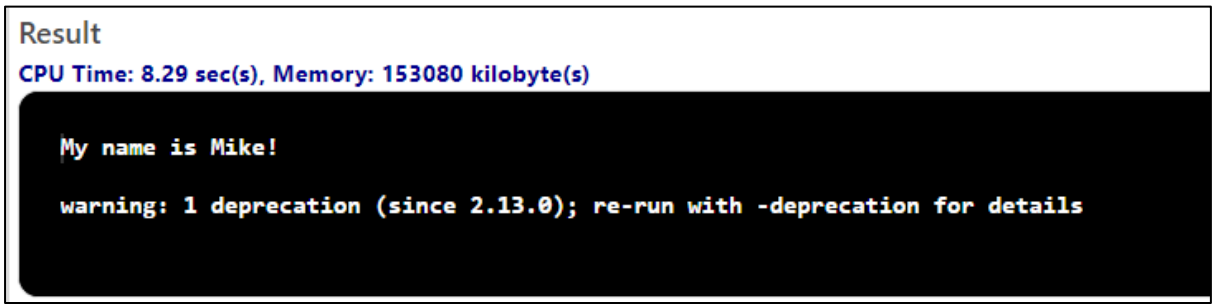
Output:



Scala program to print your name

```scala

object ExPrintName {
    def main(args: Array[String]) {
        println("My name is Mike!")
    }
}
```

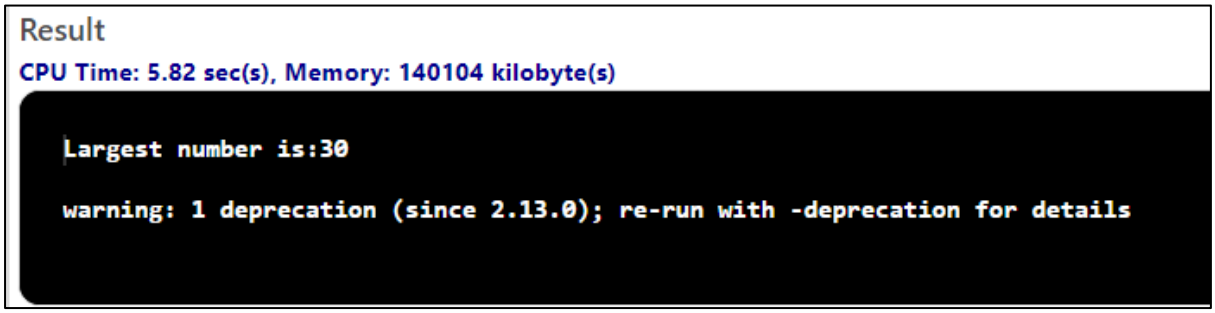
Output:



Scala Program to find largest number among two numbers.

```scala
object ExFindLargest {
    def main(args: Array[String]) {
        var number1=20;
        var number2=30;
        var x = 10;
        if( number1>number2){
            println("Largest number is:" + number1);
        }
        else{
             println("Largest number is:" + number2);
        }
    }
}
```

Output:


Result
CPU Time: 5.82 sec(s), Memory: 140104 kilobyte(s)
Largest number is:30
warning: 1 deprecation (since 2.13.0); re-run with -deprecation for details