```scala
1. /*Scala program to print your name*/
   object ExPrintName {
      def main(args: Array[String]) {
         println("My name is Mike!")
      }
   }

2. /**Scala  Program to find largest number among two numbers.*/
   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);
         }
      }
   }

3. /**Scala program to find a number is positive, negative or
positive.*/
   object ExCheckNumber {
      def main(args: Array[String]) {
          var number= (-100);
         if(number==0){
             println("number is zero");
         }
         else if(number>0){
             println("number is positive");
         }
         else{
             println("number is negative");
         }
      }
   }

4. /**Scala program to declare string variable and print the string.*/
object ExampleString {
```

```scala
    def main(args: Array[String]) {
        val text : String = "You are reading SCALA programming
language.";
        println("Value of text is: " + text);
    }
}

5. /*Scala program to demonstrate example of multiple
variables declarations and assignments.*/
object ExampleVarDecAndAssin {
    def main(args: Array[String]) {
       var (name: String, age: Int) = Pair("Mike",21);
       println("Name:    "+name);
       println("Age:     "+age);
       var (address,mobile)=Pair("New Delhi, India",1234567890);
       println("Address:    "+address);
       println("Mobile:     "+mobile);

    }
}

6. /*Scala program to print numbers from 1 to 100
using for loop.*/
object ExampleForLoop1 {
    def main(args: Array[String]) {
       var counter: Int=0;
       for(counter <- 1 to 100)
         print(counter + " ");
       println();
    }
}

7. /*Scala program to print numbers from 1 to 100
using for loop with until to determine loop range.*/
object ExampleForLoop2 {
    def main(args: Array[String]) {
       var counter: Int=0;
       for(counter <- 1 until 101)
         print(counter + " ");
       println();
    }
```

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}

8. /*Scala program to demonstrate example of
collection list and for loop.*/
object ExampleForAndCollection {
   def main(args: Array[String]) {
      var N: Int=0;
      var numbers = List(100,200,300,400);
      for(N<-numbers){
          println(N);
      }
   }
}

9. /*Scala program to create a user define function
to return largest number among two numbers.*/
object ExampleUDFToGetLargestNumber {
    def getLargestNumber(x: Int, y: Int) : Int ={
        var largestNumber: Int=0;
        if(x>y)
            largestNumber=x;
        else
            largestNumber=y;
        return largestNumber;
    }
    def main(args: Array[String]) {
        var a: Int=10;
        var b: Int=20;
        println("Largest number from "+ a+" and "+ b +" is: "+
getLargestNumber(a,b));
    }
}

10. /*Scala program of array - Declare, print
and calculate sum of all elements.*/
object ExampleArray1 {
   def main(args: Array[String]) {
      var numbers = Array(10,20,30,40,50);
      var N:Int=0;
      println("All array elements: ");
      for ( N <- numbers ) {
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```
            println(N);
        }
        var sum: Int=0;
        for ( N <- numbers ) {
            sum+=N;
        }
        println("Sum of all array elements: "+sum);
    }
}
```