```
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);
}
}
}
```

```
scala> :load demo.scala
Loading demo.scala...
defined object ExFindLargest

scala> ExFindLargest.main(Array.empty[String])
Largest number is:30
```

```
object FindLargest {
def main(args: Array[String]): Unit = {
val numbers = Array(10, 20, 30, 40, 50)
val largest = numbers.max
println(s"The largest number in the array is $largest")
}
}
```

```
scala> :load add.scala
Loading add.scala...
import scala.io.StdIn
defined object AddTwoNumbers

scala> AddTwoNumbers.main(Array.empty[String])
Enter the first number:
Enter the second number:
The sum of 20 and 20 is 40
```

```
import scala.io.StdIn
object SimpleCalculator {
def main(args: Array[String]): Unit = {
println("Enter the first number:")
val num1 = StdIn.readDouble()
println("Enter an operator (+, -, *, /):")
val operator = StdIn.readChar()
println("Enter the second number:")
val num2 = StdIn.readDouble()
val result = operator match {
case '+' => num1 + num2
case '-' => num1 - num2
case '*' => num1 * num2
case '/' => if (num2 != 0) num1 / num2 else "undefined (division by zero)"
case _ => "Invalid operator"
}
```

println(s"The result is: $result");
}
}

```
scala> :load calc.scala
Loading calc.scala...
import scala.io.StdIn
defined object SimpleCalculator

scala> SimpleCalculator.main(Array.empty[String])
Enter the first number:
Enter an operator (+, -, *, /):
Enter the second number:
The result is: 9.0
```

object FindLargest {
def main(args: Array[String]): Unit = {
val numbers = Array(10, 20, 30, 40, 50)
val largest = numbers.max
println(s"The largest number in the array is $largest")
}
}

```
scala> :load evodd.scala
Loading evodd.scala...
defined object EvenOddCheck

scala> EvenOddCheck.main(Array.empty[String])
15 is odd
```

object FindLargest {
def main(args: Array[String]): Unit = {
val numbers = Array(10, 20, 30, 40, 50)
val largest = numbers.max
println(s"The largest number in the array is $largest")
}
}

```
scala> :load fact.scala
Loading fact.scala...
defined object Factorial

scala> Factorial.main(Array.empty[String])
The factorial of 5 is 120
```

object ReverseString {
def main(args: Array[String]): Unit = {
val str = "Scala"
val reversed = str.reverse
println(s"The reverse of '$str' is '$reversed'")
}
}

```
scala> :load rev.scala
Loading rev.scala...
defined object ReverseString

scala> ReverseString.main(Array.empty[String])
The reverse of 'Scala' is 'alacS'
```

object FindLargest {
def main(args: Array[String]): Unit = {
val numbers = Array(10, 20, 30, 40, 50)
val largest = numbers.max
println(s"The largest number in the array is $largest")
}

}

```
scala> :load lar.scala
Loading lar.scala...
defined object FindLargest

scala> FindLargest.main(Array.empty[String])
The largest number in the array is 50
```