```
import scala.io.StdIn.readLine
import scala.io.StdIn.readDouble

object Calculator {
  def main(args: Array[String]): Unit = {
    var continue = true

    while (continue) {
      println("\nEnter first number:")
      val num1 = readDouble()

      println("Enter second number:")
      val num2 = readDouble()

      println("Choose operation: +  -  *  /")
      val op = readLine()

      val result = op match {
        case "+" => num1 + num2
        case "-" => num1 - num2
        case "*" => num1 * num2
        case "/" =>
          if (num2 != 0) num1 / num2
          else {
            println("Cannot divide by zero!")
            "Undefined"
          }
        case _   =>
          println("Invalid operator.")
          "Invalid"
      }

      println(s"Result: $result")

      println("Do you want to perform another operation? (yes/no):")
      val choice = readLine().toLowerCase()
      if (choice != "yes" && choice != "y") {
        continue = false
        println("Exiting calculator. Goodbye!")
      }
    }
  }
}
```