# Assignment On Scala

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**Subject: Data Science**

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**Code:**

```
object Hello {
   def main(args: Array[String]) = {
      println("Hello, world")
      println("What you want to do...")
      println("Enter 1 for addition\nEnter 2 for even_odd\nEnter 3 for area of sqaure")
      var choice = scala.io.StdIn.readLine().toInt
      if (choice == 1){
        add()
      }
      else if(choice == 2){
        even_odd()
      }
      else if(choice == 3){
        println("Enter side of sqaure: ")
        var side = scala.io.StdIn.readLine().toInt
        var area = area_of_square(side)
```

```
        println("Area of Square of side ", side, " is ", area)
      }else{
        println("Please Enter Valid input.")
      }


  }

  def add()={
     println("Enter Number: 1 ")
     var a = scala.io.StdIn.readLine().toInt
     println("Enter Number 2: ")
     var b = scala.io.StdIn.readLine().toInt
     println("Addition is: ")
     println(a+b)
  }

  def even_odd()={
    println("Enter Number to check even odd: ")
    var a = scala.io.StdIn.readLine().toInt
    if (a % 2 == 0){
      println(a, " is Even Number")
    }
    else{
      println(a," is Odd Number")
    }
  }
```

```
    def area_of_square(side: Float):Float ={
      return (side * side)

    }

}
```

## Output:

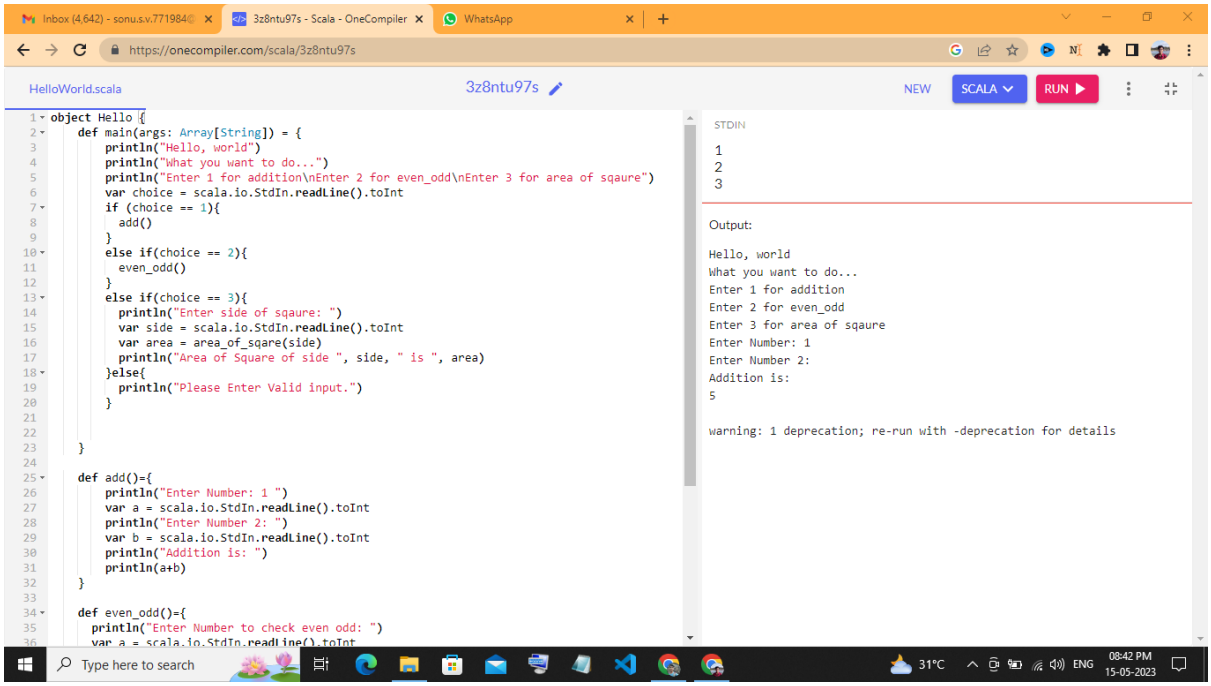


Fig. 1.1 Scala Addition Program

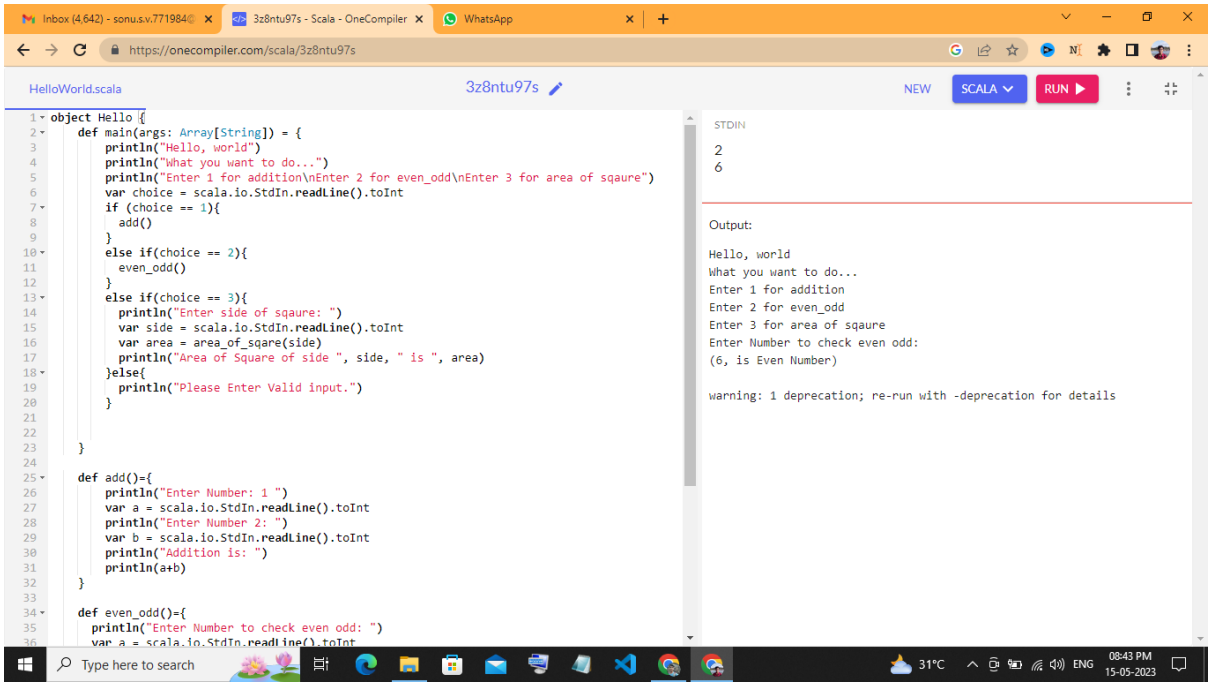


Fig. 1.2 Scala Even-Odd Program 1

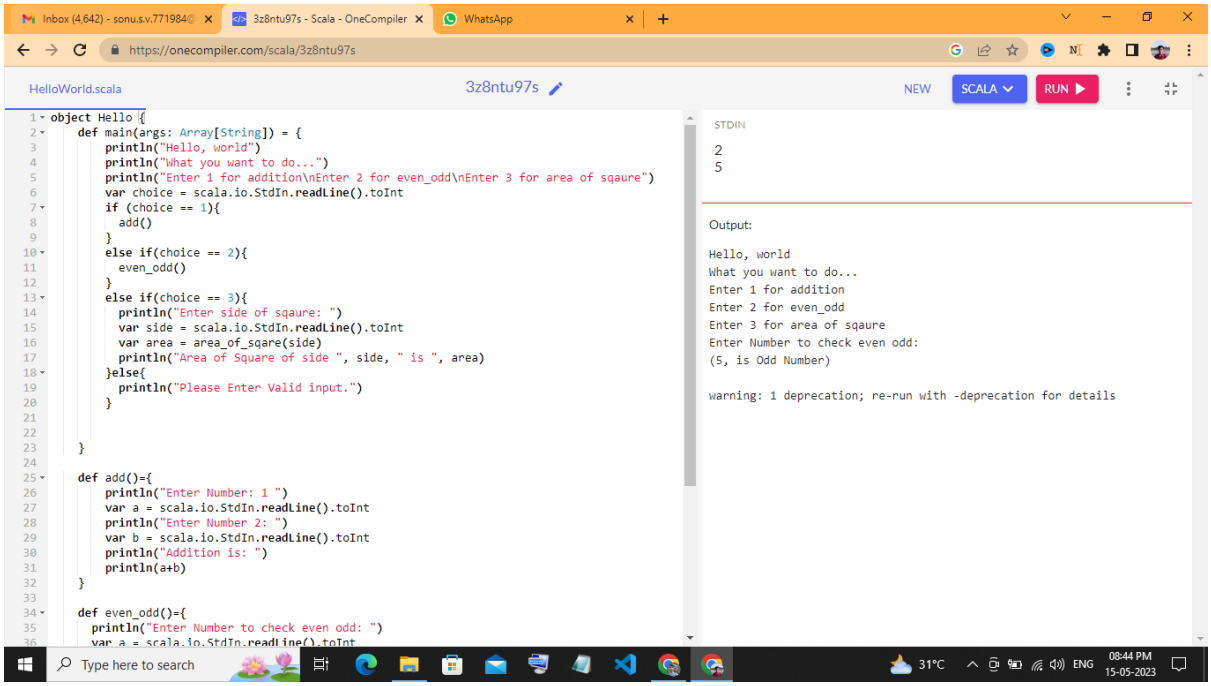


Fig. 1.3 Scala Even-Odd Program 2

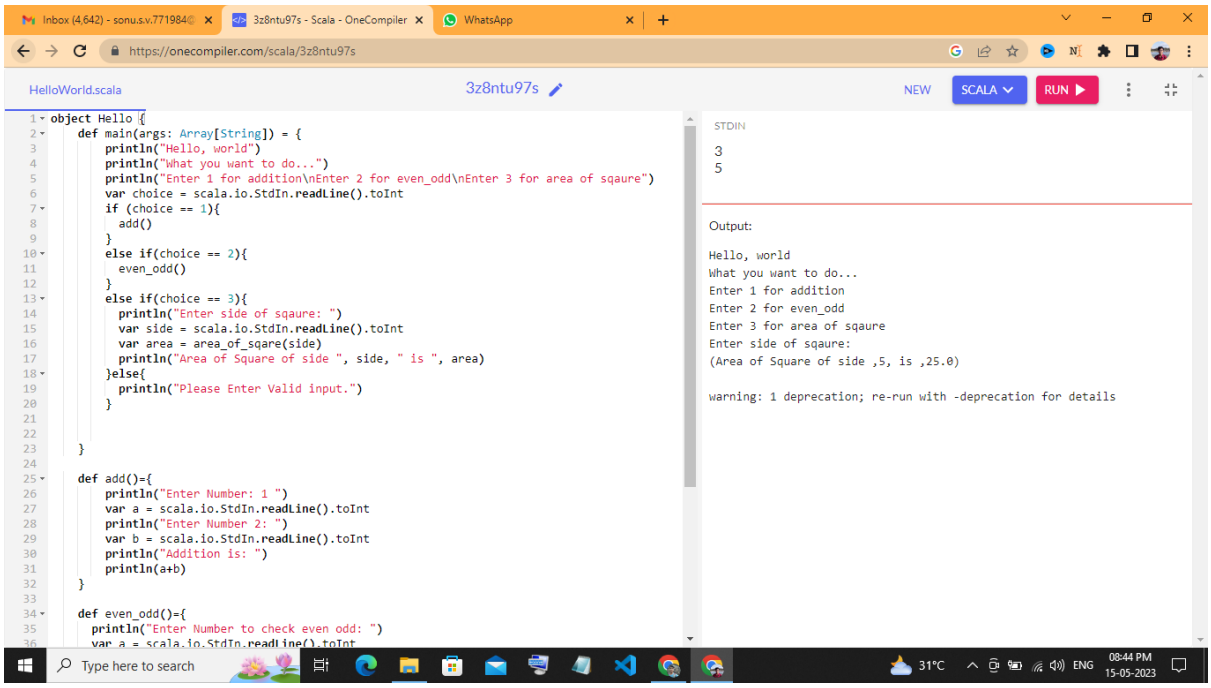


Fig. 1.4 Area of Square