LAB-3

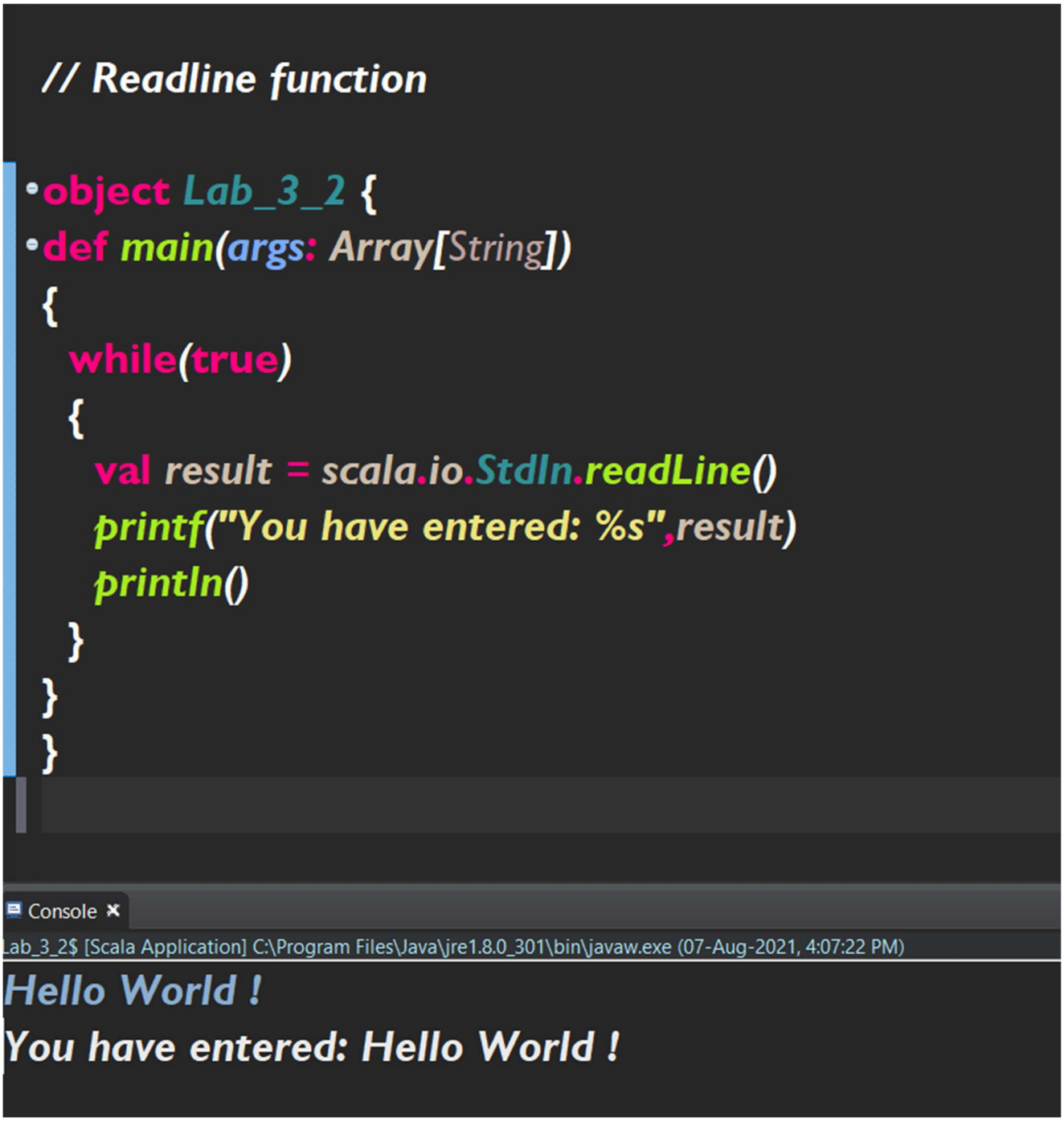
Q1.

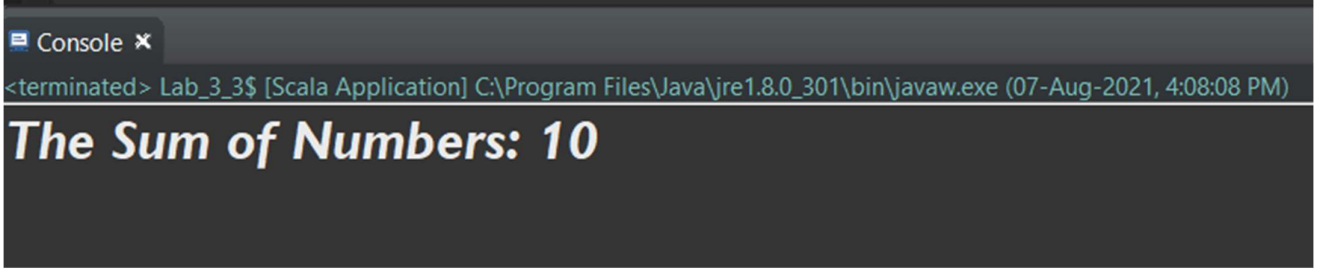
```scala
// Scala Functions

object Lab_3_1 {
  def main(args: Array[String])
  {
    Console.println("We are Graphians!")
    print("Studying in CSE")
    print("_DS")
    println()
    printf("Age = %d", 19)
  }
}
```

```
Console ×
<terminated> Lab_3_1$ [Scala Application] C:\Program Files\Java\jre1.8.0_301\bin\javaw.exe (07-Aug-2021, 4:05:32 PM)
We are Graphians!
Studying in CSE_DS
Age = 19
```

Q2.


// Readline function
object Lab_3_2 {
def main(args: Array[String])
{
while(true)
{
val result = scala.io.StdIn.readLine()
printf("You have entered: %s",result)
println()
}
}
}
Console
Lab_3_2$ [Scala Application] C:\Program Files\Java\jre1.8.0_301\bin\javaw.exe (07-Aug-2021, 4:07:22 PM)
Hello World !
You have entered: Hello World !

Q3.

```
// Sum of Two Numbers

object Lab_3_3 {
def main(args: Array[String])
{
  println("The Sum of Numbers: " + AddFunc(1,9))
}
def AddFunc( a:Int, b:Int) : Int =
{
    var Sum:Int = 0
    Sum = a+b
    return Sum
}
}
```