

Q1:

```
object printFunctionDemo
{ // Main method
  def main(args: Array[String])
  { // Applying console with println
    Console.println("We are graphians!")
    // Displays output with no
    // trailing lines
    print("Studying in CSE")
    print("_branch")
    // Used for a newline
    println()
    // Displays format string
    printf("Age = %d", 24)
  }
}
```

printFunctionDemo > main(args: Array[String])

readLineDemo × printFunctionDemo ×

"C:\Program Files\Java\jdk1.8.0\_301\bin\java.exe" ...

We are graphians!

Studying in CSE\_branch

Age = 24

Process finished with exit code 0

Q2:

```
object readLineDemo {  
  def main(args: Array[String])  
  {  
    // Applying a loop  
    while (true) {  
      // Reads the line from the Console  
      val result = scala.io.StdIn.readLine()  
      // Displays the string that is  
      // given by the user  
      printf("You have entered: %s", result)  
      //prints newline  
      println()  
    }  
  }  
}
```

readLineDemo > main(args: Array[String])

readLineDemo x

"C:\Program Files\Java\jdk1.8.0\_301\bin\java.exe"

4

You have entered: 4

## Q 4:

```
object twoNumberAddition {  
  def main(args: Array[String]) {  
    // Calling the function  
    println("Sum is: " + functionToAdd(10,15));  
  }  
  // declaration and definition of function  
  def functionToAdd(a:Int, b:Int) : Int =  
  {  
    var sum:Int = 0  
    sum = a + b  
  
    // returning the value of sum  
    return sum  
  }  
}
```

twoNumberAddition > functionToAdd(a: Int, b: Int)

twoNumberAddition ×

"C:\Program Files\Java\jdk1.8.0\_301\bin\java.exe" ...  
Sum is: 25

Process finished with exit code 0