

P Sai Deekshith

BDA LAB CIE-2

Program-8 Scala (8b)

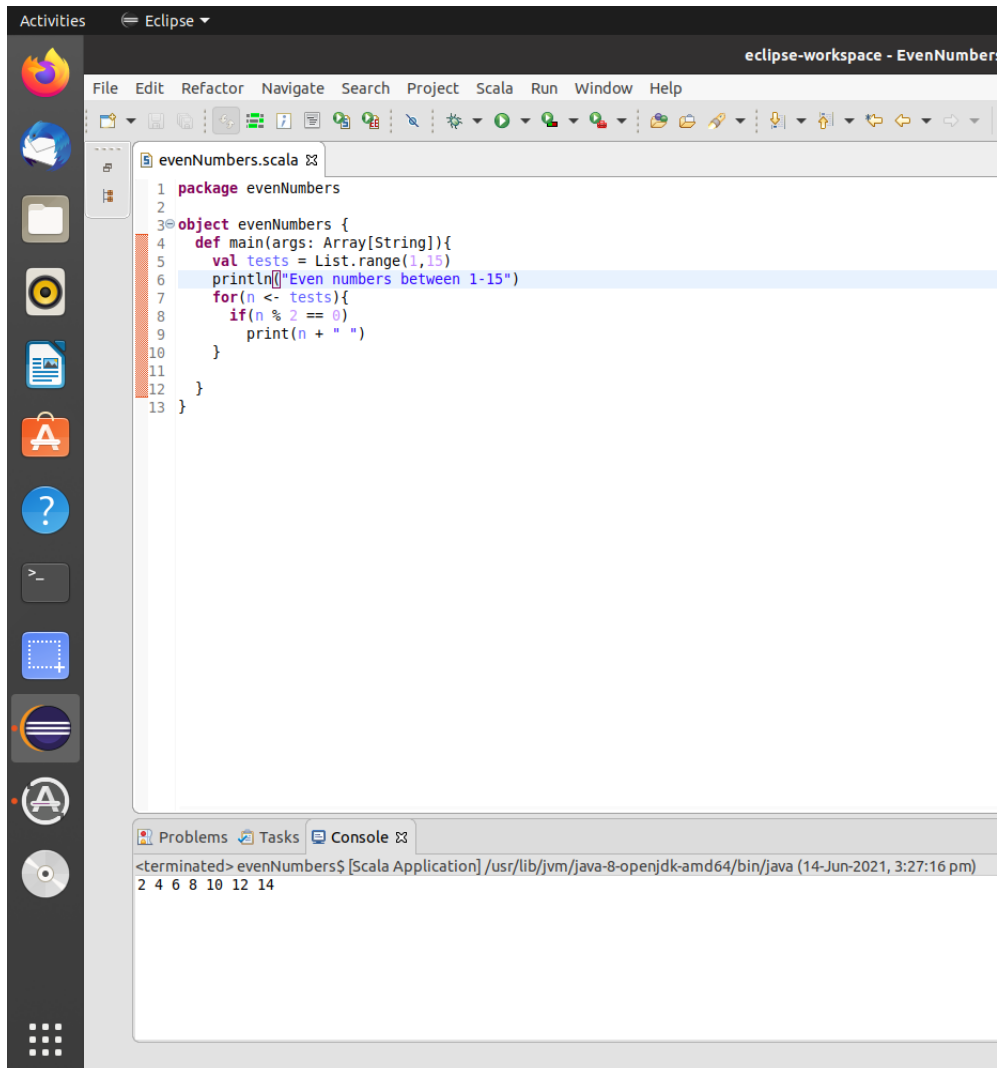
```
package evenNumbers
```

```
object evenNumbers {  
  def main(args: Array[String]){  
    val tests = List.range(1,15)  
    println("Even numbers between 1-15")  
    for(n <- tests){  
      if(n % 2 == 0)  
        print(n + " ")  
    }  
  
  }  
  
}
```

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The screenshot shows the Eclipse IDE interface. The top menu bar includes File, Edit, Refactor, Navigate, Search, Project, Scala, Run, Window, and Help. The toolbar contains various icons for file operations and development. The left sidebar shows the 'Activities' panel with icons for Firefox, a mail client, a file manager, a terminal, and others. The main editor window displays a file named 'evenNumbers.scala' with the following Scala code:

```
1 package evenNumbers
2
3 object evenNumbers {
4   def main(args: Array[String]){
5     val tests = List.range(1,15)
6     println("Even numbers between 1-15")
7     for(n <- tests){
8       if(n % 2 == 0){
9         print(n + " ")
10      }
11    }
12  }
13 }
```

The bottom of the IDE features a 'Problems' and 'Tasks' panel, and a 'Console' panel. The console output shows the program's execution:

```
<terminated> evenNumbers$ [Scala Application] /usr/lib/jvm/java-8-openjdk-amd64/bin/java (14-Jun-2021, 3:27:16 pm)
2 4 6 8 10 12 14
```