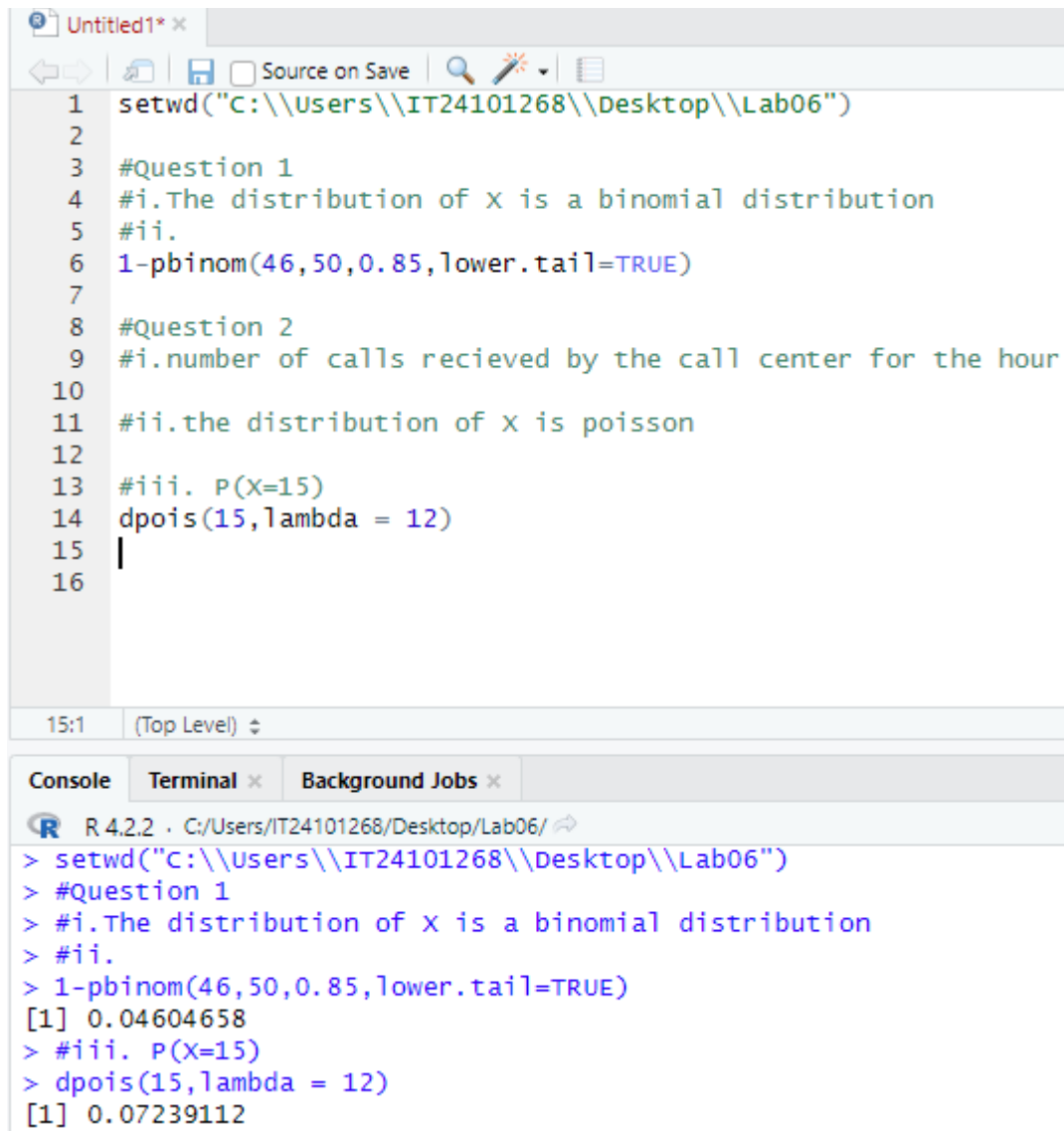


IT24101268

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LAB 06



The screenshot displays the R Studio interface. The top pane shows a script file named 'Untitled1\*' with the following R code:

```
1 setwd("C:\\Users\\IT24101268\\Desktop\\Lab06")
2
3 #Question 1
4 #i.The distribution of x is a binomial distribution
5 #ii.
6 1-pbinom(46,50,0.85,lower.tail=TRUE)
7
8 #Question 2
9 #i.number of calls recieved by the call center for the hour
10
11 #ii.the distribution of x is poisson
12
13 #iii. P(X=15)
14 dpois(15,lambda = 12)
15 |
16
```

The bottom pane shows the console output for the executed code:

```
R 4.2.2 : C:/Users/IT24101268/Desktop/Lab06/
> setwd("C:\\Users\\IT24101268\\Desktop\\Lab06")
> #Question 1
> #i.The distribution of x is a binomial distribution
> #ii.
> 1-pbinom(46,50,0.85,lower.tail=TRUE)
[1] 0.04604658
> #iii. P(X=15)
> dpois(15,lambda = 12)
[1] 0.07239112
```