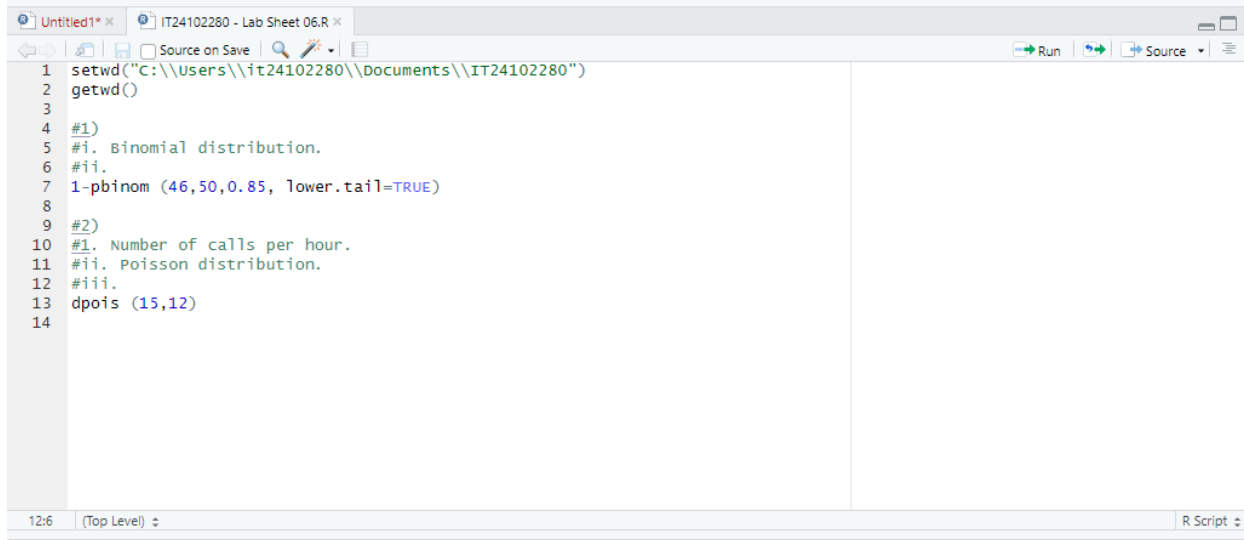


IT2120 - Probability and Statistics

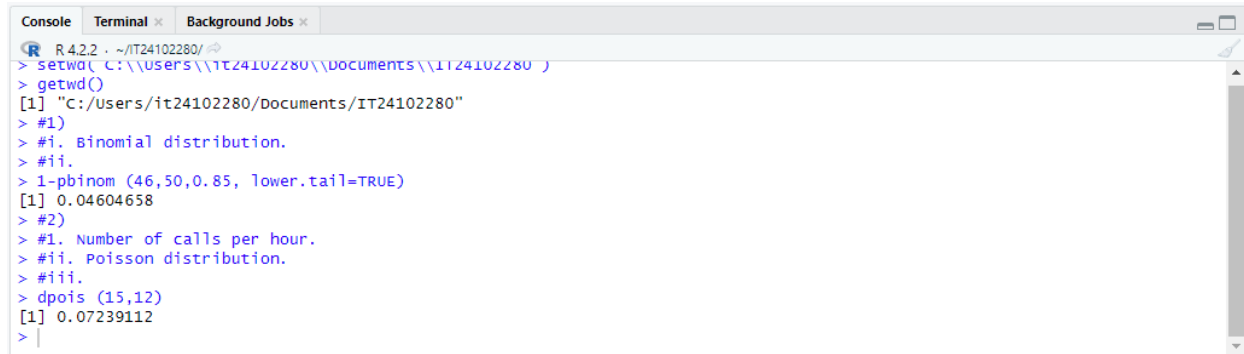
Lab Sheet 06

Dissanayake D.M.N.T

IT24102280



```
1 setwd("C:\\Users\\it24102280\\Documents\\IT24102280")
2 getwd()
3
4 #1)
5 #i. Binomial distribution.
6 #ii.
7 1-pbinom (46,50,0.85, lower.tail=TRUE)
8
9 #2)
10 #i. Number of calls per hour.
11 #ii. Poisson distribution.
12 #iii.
13 dpois (15,12)
14
```



```
R 4.2.2 . ~/IT24102280/
> setwd("C:\\Users\\it24102280\\Documents\\IT24102280")
> getwd()
[1] "C:/Users/it24102280/Documents/IT24102280"
> #1)
> #i. Binomial distribution.
> #ii.
> 1-pbinom (46,50,0.85, lower.tail=TRUE)
[1] 0.04604658
> #2)
> #i. Number of calls per hour.
> #ii. Poisson distribution.
> #iii.
> dpois (15,12)
[1] 0.07239112
>
```