

LAB_06_PS

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The screenshot displays the RStudio environment. The script editor on the left contains R code for two questions. The console at the bottom shows the execution of this code, including directory changes and probability calculations. The global environment pane on the right shows the current state of variables.

```
5  
6  
7 #Question_01  
8 #i.  
9 #---Binomial Distribution  
10  
11 #ii.  
12 pbinom(46,50,0.85,lower.tail = FALSE)  
13  
14  
15  
16 #Question_02  
17 #i.  
18 #---count number of customer calls received in one hour.  
19  
20 #ii.  
21 #---Poisson distribution  
22  
23 #iii.  
24 dpois(15,12)  
25  
26  
27  
28
```

Global Environment

values	
i	4L
max_index	1
vec	num [1:4] 10 9 8 5
x	num [1:3] 1 2 3

Files Plots Packages Help Viewer Pres

6:1 (Top Level) R Script

Console

```
> #Exercise.  
> setwd("C:\\Users\\it24100198\\Desktop\\Lab_06")  
> getwd()  
[1] "C:/Users/it24100198/Desktop/Lab_06"  
>  
>  
> #Question_01  
> #i.  
> #---Binomial Distribution  
>  
> #ii.  
> pbinom(46,50,0.85,lower.tail = FALSE)  
[1] 0.04604658  
>  
>  
>  
> #Question_02  
> #i.  
> #---count number of customer calls received in one hour.  
>  
> #ii.  
> #---Poisson distribution  
>  
> #iii.  
> dpois(15,12)  
[1] 0.07239112  
>
```