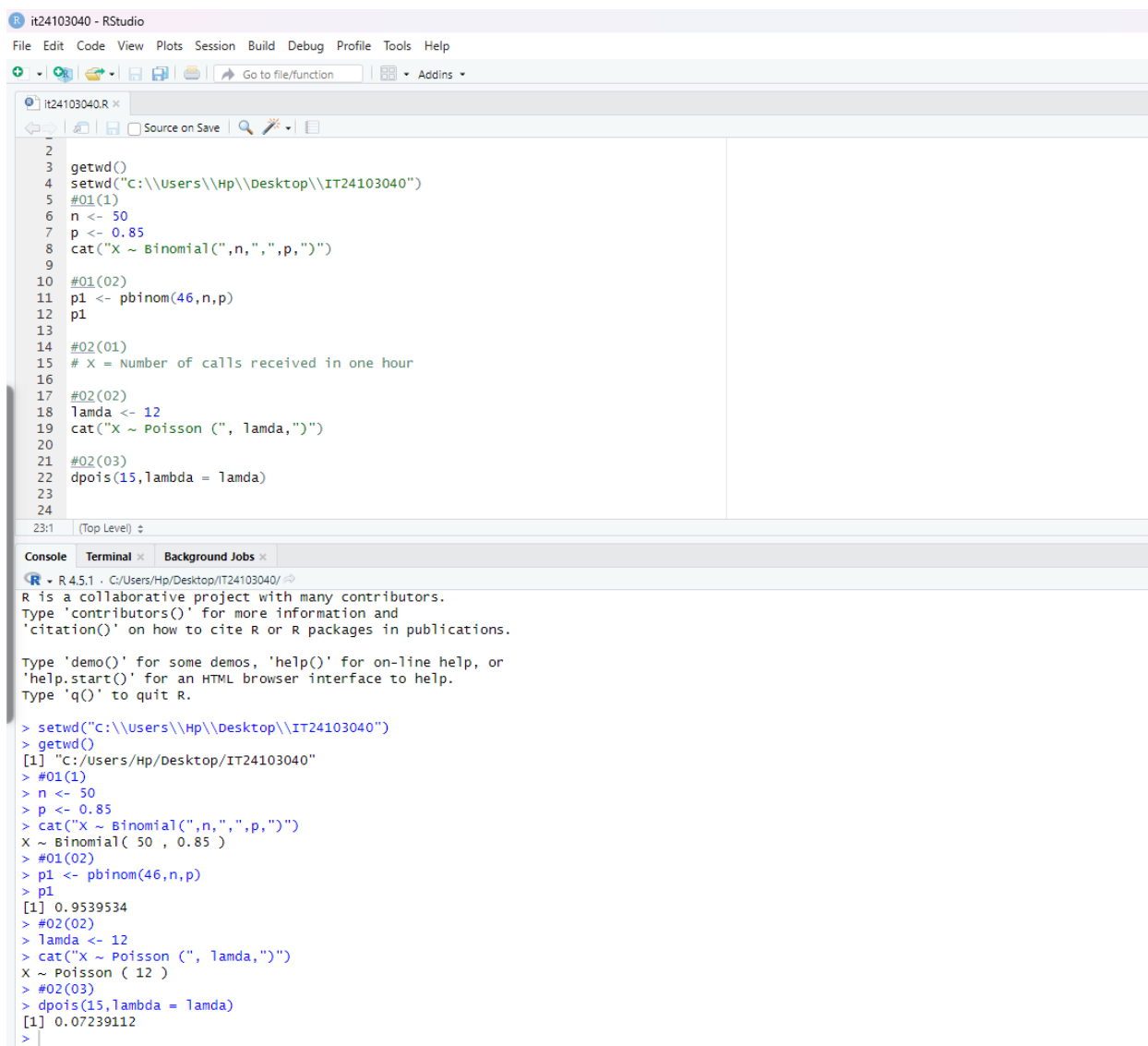


IT24103040 – LAB 6



The screenshot displays the RStudio environment. The top menu bar includes File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, and Help. Below the menu is a toolbar with icons for saving, running, and other functions. The main editor window shows an R script with the following code:

```
2  
3 getwd()  
4 setwd("C:\\Users\\Hp\\Desktop\\IT24103040")  
5 #01(1)  
6 n <- 50  
7 p <- 0.85  
8 cat("X ~ Binomial(",n,",",p,")")  
9  
10 #01(02)  
11 p1 <- pbinom(46,n,p)  
12 p1  
13  
14 #02(01)  
15 # X = Number of calls received in one hour  
16  
17 #02(02)  
18 lamda <- 12  
19 cat("X ~ Poisson (", lamda,")")  
20  
21 #02(03)  
22 dpois(15,lambda = lamda)  
23  
24
```

The console window at the bottom shows the execution of the script, including the R version (4.5.1) and the current working directory. The output of the code is as follows:

```
> setwd("C:\\Users\\Hp\\Desktop\\IT24103040")  
> getwd()  
[1] "C:/Users/Hp/Desktop/IT24103040"  
> #01(1)  
> n <- 50  
> p <- 0.85  
> cat("X ~ Binomial(",n,",",p,")")  
X ~ Binomial( 50 , 0.85 )  
> #01(02)  
> p1 <- pbinom(46,n,p)  
> p1  
[1] 0.9539534  
> #02(02)  
> lamda <- 12  
> cat("X ~ Poisson (", lamda,")")  
X ~ Poisson ( 12 )  
> #02(03)  
> dpois(15,lambda = lamda)  
[1] 0.07239112  
>
```

it24103040

EnvironmentHistoryConnectionsTutorial

Import Dataset129 MiB

List

RGlobal Environment

values

lambda	12
n	50
p	0.85
p1	0.953953421107698