

The screenshot displays the RStudio environment. The top-left pane is the script editor, showing a file named 'IT24100185_lab05.R' with the following code:

```
1 setwd("F:\\SLIIT\\Y2S1\\PS\\IT24100185_lab6")
2 #1
3 # I. n = 50, p = 0.85
4 ##II
5 pbinom(47, 50, 0.85)
6
7
```

The top-right pane is the 'Environment' pane, showing the R session is active. The bottom-right pane is the 'Files' pane, showing the project directory structure.

The bottom-left pane is the 'Console' pane, showing the R prompt and the output of the executed code:

```
> setwd("F:\\SLIIT\\Y2S1\\PS\\IT24100185_lab6")
>
> pbinom(47, 50, 0.85)
[1] 0.9858115
>
```

The console also displays the standard R startup message: 'R is a collaborative project with many contributors. Type \'contributors()\' for more information and \'citation()\' on how to cite R or R packages in publications. Type \'demo()\' for some demos, \'help()\' for on-line help, or \'help.start()\' for an HTML browser interface to help. Type \'q()\' to quit R.'

```
1 setwd("F:\\SLIIT\\Y2S1\\PS\\IT24100185_lab6")
2 #1
3 # I. n = 50, p = 0.85
4 ##II
5 pbinom(47, 50, 0.85)
6
7 #2
8 #I. number of calls per hour
9
10 #II. Poisson Distribution -> lambda=12
11 #III.
12 dpois(15, 5)
```

12:1 (Top Level) R Script

Console Terminal Background Jobs

R 4.5.1 · F:/SLIIT/Y2S1/PS/IT24100185_lab6/

'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

```
> setwd("F:\\SLIIT\\Y2S1\\PS\\IT24100185_lab6")
>
> pbinom(47, 50, 0.85)
[1] 0.9858115
> dpois(15, 5)
[1] 0.0001572454
>
```