SLIIT UNI
THE KNOWLEDGE UNIVERSITY

Faculty of Computing

Year 2 Semester 1 (2025)
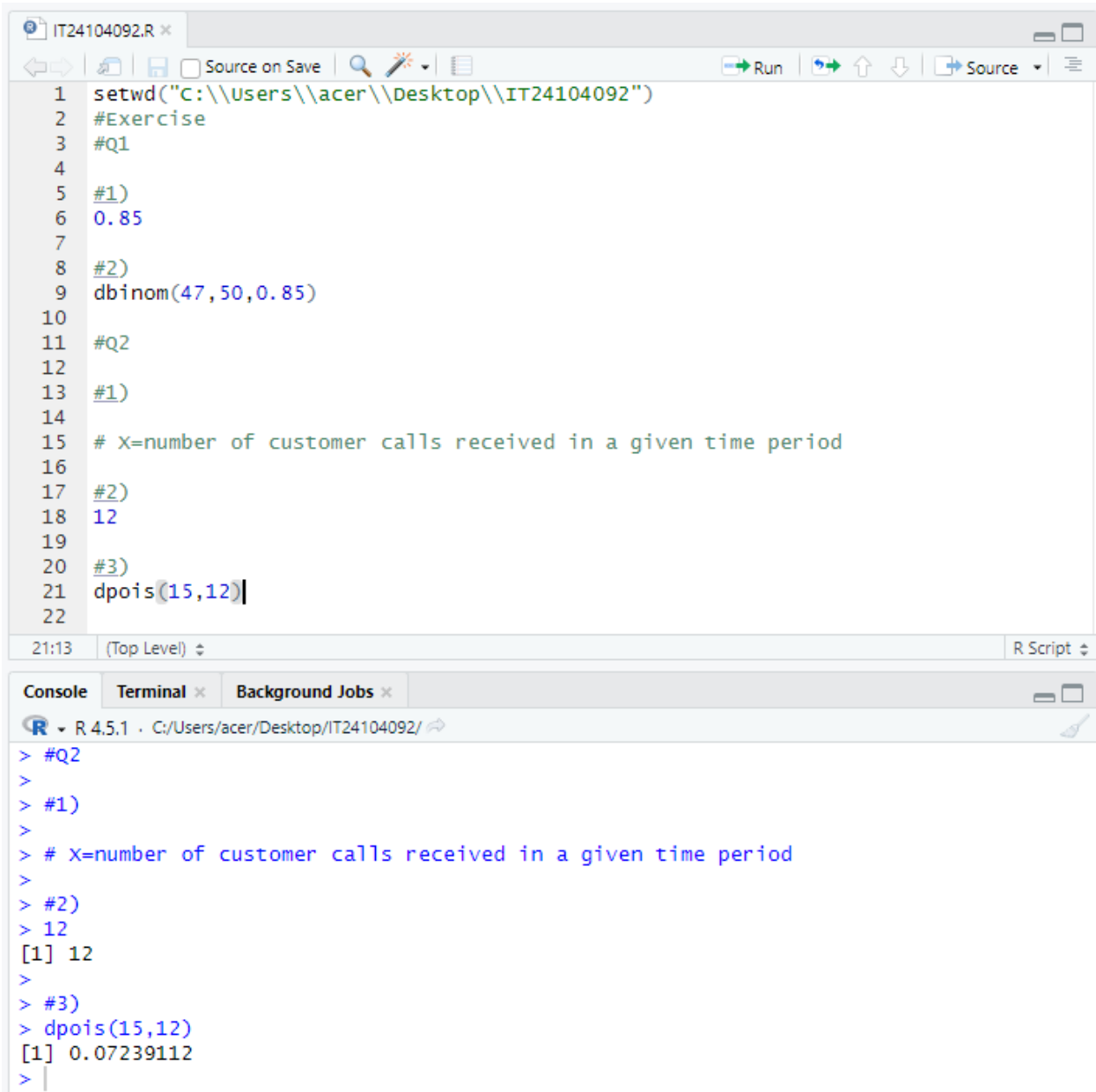
IT2120 - Probability and Statistics   Lab Sheet 06

IT24104092.R

```
1  setwd("C:\\Users\\acer\\Desktop\\IT24104092")
2  #Exercise
3  #Q1
4
5  #1)
6  0.85
7
8  #2)
9  dbinom(47,50,0.85)
10
```

22:1   (Top Level)   R Script

Console   Terminal   Background Jobs

R · R 4.5.1 · C:/Users/acer/Desktop/IT24104092/

```
> setwd("C:\\Users\\acer\\Desktop\\IT24104092")
> #Exercise
> #Q1
>
> #1)
> 0.85
[1] 0.85
>
> #2)
> dbinom(47,50,0.85)
[1] 0.03185806
>
```

```r
 1  setwd("C:\\Users\\acer\\Desktop\\IT24104092")
 2  #Exercise
 3  #Q1
 4
 5  #1)
 6  0.85
 7
 8  #2)
 9  dbinom(47,50,0.85)
10
11  #Q2
12
13  #1)
14
15  # X=number of customer calls received in a given time period
16
17  #2)
18  12
19
20  #3)
21  dpois(15,12)
22
```

21:13   (Top Level) ‡   R Script ‡

Console   Terminal ×   Background Jobs ×

R ▾ R 4.5.1 · C:/Users/acer/Desktop/IT24104092/

```
> #Q2
>
> #1)
>
> # X=number of customer calls received in a given time period
>
> #2)
> 12
[1] 12
>
> #3)
> dpois(15,12)
[1] 0.07239112
>
```