

ID No: IT24101677

## Labsheet 6

1)

i) Binomial Distribution

2)

i) Number of calls per hour

ii) Poison Distribution

```
1 setwd("C:\\Users\\IT24101677\\Desktop\\Lab6")
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 Poison Distribution
12 #iii
13 dpois(15,12)
14 |
```

```
Console Terminal x Background Jobs x
R 4.2.2 . C:/Users/IT24101677/Desktop/Lab6/
> setwd("C:\\Users\\IT24101677\\Desktop\\Lab6")
> getwd()
[1] "C:/Users/IT24101677/Desktop/Lab6"
> #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 Poison Distribution
> #iii
> dpois(15,12)
[1] 0.07239112
> |
```

Activate Windows  
Go to Settings to activate Windows.