

# **IT2120 - Probability and Statistics**

## **Lab Sheet 06**

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```
setwd("C:\\Users\\it24101667\\Desktop\\LabSheet_06")
getwd()
#1)
#i. Binomial Distribution
#ii.
1-pbinom (46,50,0.85, lower.tail=TRUE)

#2)
#i. Number of calls per hour.
#ii. Poisson distribution.
#iii.
dpois (15,12)
|
```

```
> getwd()
[1] "C:/Users/it24101667/Desktop/LabSheet_06"
> #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. Poisson distribution.
> #iii.
> dpois (15,12)
[1] 0.07239112
```