IT24103303(Lab 06)

```
1   setwd("C:\\Users\\it24103303\\Desktop\\Lab 06")
2
3   #Question 1
4   #i. The distribution of X is a binomial distribution
5
6   #ii.
7   1-pbinom(46,50,0.85, lower.tail = TRUE)
8
9   #Question 2
10  #i. Number of calls recieved by the call center per hour
11
12  #ii. The distribution is poisson
13
14  #iii. P(X=15)
15  dpois(15,lambda = 12)
16
```

```
> setwd("C:\\Users\\it24103303\\Desktop\\Lab 06")
>
> #ii.
> 1-pbinom(46,50,0.85, lower.tail = TRUE)
[1] 0.04604658
>
> #iii. P(X=15)
> dpois(15,lambda = 12)
[1] 0.07239112
> |
```