

Probability and Statistics - IT2120

Labsheet 06

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```
setwd("E:\\Lab6")
```

```
#Q1
```

```
#1
```

```
#Binomial Distribution
```

```
#2
```

```
1-pbinom(47,50,0.85,lower.tail =FALSE)
```

```
#Q2
```

```
#1
```

```
#number of customer calls per hour
```

```
#2
```

```
#poisson Distribution
```

```
#3
```

```
dpois(15,12)
```

Type 'q()' to quit R.

```
> setwd("E:\\Lab6")
> #Q1
>
> #1
> #Binomial Distribution
>
> #2
> 1-pbinom(47,50,0.85,lower.tail =FALSE)
[1] 0.9858115
>
>
> #Q2
>
> #1
> #number of customer calls per hour
>
> #2
> #poisson Distribution
>
> #3
> dpois(15,12)
[1] 0.07239112
```