

IT24100716_PS_Lab_06

```
IT24100716.R x
Source on Save
1 setwd("C:\\Users\\Hirusha\\Downloads\\Compressed\\Lab 06-20250925")
2 #Q1: Learning Platform
3 n <- 50
4 p <- 0.85
5 prob_Q1 <- 1 - pbinom(46, size= n, prob= p)
6 prob_Q1
7 #Q2: call Center
8 lambda <- 12
9 prob_Q2 <- dpois(15, lambda)
10 prob_Q2
11 |

> #Q1: Learning Platform
> n <- 50
> p <- 0.85
> prob_Q1 <- 1 - pbinom(46, size= n, prob= p)
> prob_Q1
[1] 0.04604658
> #Q2: call Center
> lambda <- 12
> prob_Q2 <- dpois(15, lambda)
> prob_Q2
[1] 0.07239112
~
```

Values	
lambda	12
n	50
p	0.85
prob_Q1	0.0460465788923019
prob_Q2	0.0723911201466387