IT24103913

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Probability and Statistics - IT2120

Lab sheet 6

```
R ▾ R 4.5.1 · C:/Users/kavee/Desktop/Lab 6/
> setwd ("C:\\Users\\kavee\\Desktop\\Lab 6")
> #X ~ bin(n = 50, p = 0.85)
> n <- 50
> p <- 0.85
>
> prob_at_least_47 <- sum (dbinom (47:50, size = n, prob = p))
> prob_at_least_47
[1] 0.04604658
> #X = number of calls received in one hour
> #X ~ poisson (lambda = 12)
> lambda <- 12
> prob_15 <- dpois (15, lambda)
> prob_15
[1] 0.07239112
> |
```