

## Exercise

```
IT24100599.R x
Source on Save
Run
Source
1 setwd("C:\\Users\\Vinod Madhuranga\\Desktop\\IT24100599")
2
3 #Excercise
4
5 #i
6 observed_counts <- c(120, 95, 85, 100)
7
8
9 #ii
10 probabilities <- c(0.25, 0.25, 0.25, 0.25)
11
12 #iii
13 chisq.test(x = observed_counts, p = probabilities)
14
```

```
Console Terminal Background Jobs x
R R 4.5.1 · C:/Users/Vinod Madhuranga/Desktop/IT24100599/
> setwd("C:\\Users\\Vinod Madhuranga\\Desktop\\IT24100599")
>
> #Excercise
>
> #i
> observed_counts <- c(120, 95, 85, 100)
>
>
> #ii
> probabilities <- c(0.25, 0.25, 0.25, 0.25)
>
> #iii
> chisq.test(x = observed_counts, p = probabilities)

      Chi-squared test for given probabilities

data:  observed_counts
X-squared = 6.5, df = 3, p-value = 0.08966
```