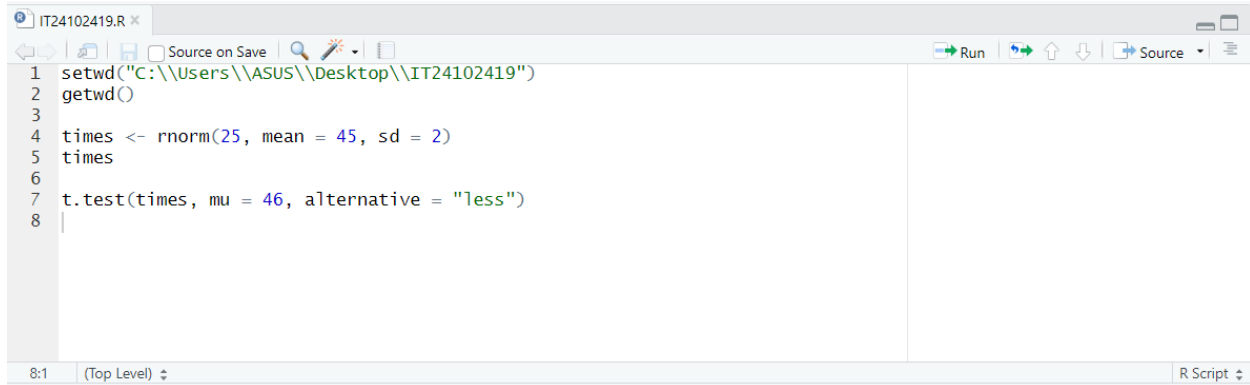


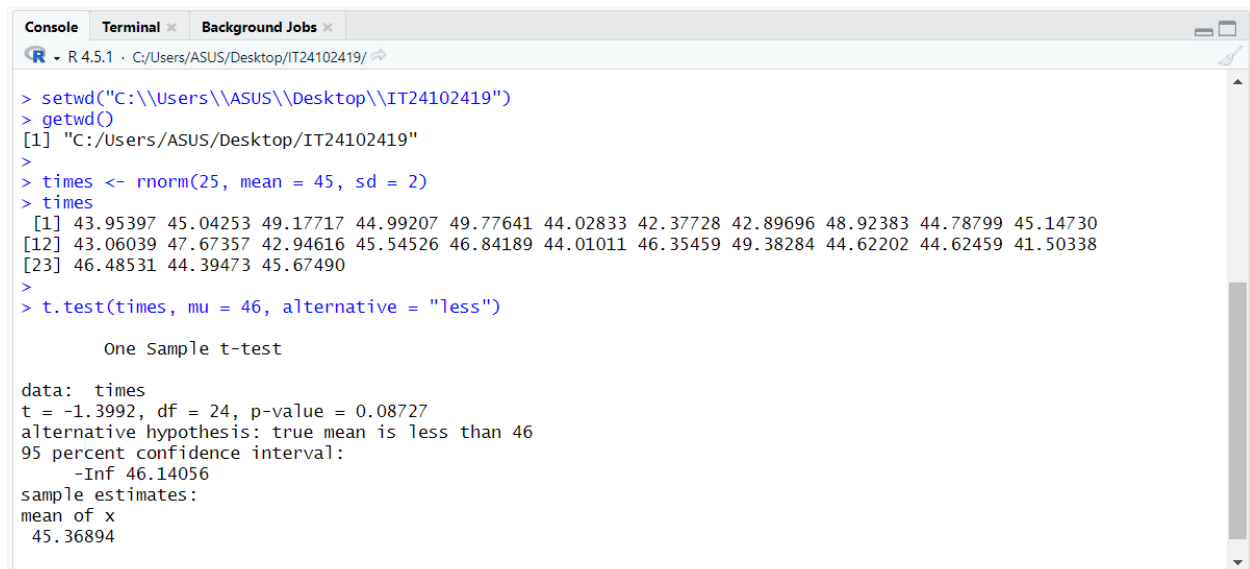
IT24102419 – PS Lab sheet 9



The screenshot shows an R script editor window with the following code:

```
1 setwd("C:\\Users\\ASUS\\Desktop\\IT24102419")
2 getwd()
3
4 times <- rnorm(25, mean = 45, sd = 2)
5 times
6
7 t.test(times, mu = 46, alternative = "less")
8
```

The status bar at the bottom indicates line 8:1 and the script is at the top level.



The screenshot shows the R console output for the script:

```
> setwd("C:\\Users\\ASUS\\Desktop\\IT24102419")
> getwd()
[1] "C:/Users/ASUS/Desktop/IT24102419"
>
> times <- rnorm(25, mean = 45, sd = 2)
> times
 [1] 43.95397 45.04253 49.17717 44.99207 49.77641 44.02833 42.37728 42.89696 48.92383 44.78799 45.14730
[12] 43.06039 47.67357 42.94616 45.54526 46.84189 44.01011 46.35459 49.38284 44.62202 44.62459 41.50338
[23] 46.48531 44.39473 45.67490
>
> t.test(times, mu = 46, alternative = "less")

    One Sample t-test

data:  times
t = -1.3992, df = 24, p-value = 0.08727
alternative hypothesis: true mean is less than 46
95 percent confidence interval:
 -Inf 46.14056
sample estimates:
mean of x
45.36894
```