```r
setwd("//Users//sithijavithanage//Library//CloudStorage//OneDrive-SriLankaInstituteofInformationTechnology//Y2 S1//Probab
##Exercise
#1).
bake <- rnorm(25, mean = 45, sd = 2)
bake

#2).
t.test(bake, mu = 46, alternative = "less")

```

9:1 (Top Level) ⇧   R Script ⇧

Console **Terminal** × **Background Jobs** ×

R ▾ R 4.5.1 · ~/Library/CloudStorage/OneDrive–SriLankaInstituteofInformationTechnology/Y2 S1/Probability and Statistics – IT2120/LAB 9/Lab 9/ ⇱

```
> setwd("//Users//sithijavithanage//Library//CloudStorage//OneDrive-SriLankaInstituteofInformationTechnology//Y2 S1//Probabili
ty and Statistics - IT2120//LAB 9//Lab 9")
> ##Exercise
> #1).
> bake <- rnorm(25, mean = 45, sd = 2)
> bake
 [1] 44.17544 44.06215 48.38247 44.54626 44.28603 45.07439 43.11935 45.54449 46.58594 43.75846 42.86419 41.98090
[13] 43.20401 45.31486 44.54696 43.60799 48.11808 46.14269 48.29365 46.99566 43.63519 46.67528 46.39477 46.37973
[25] 47.92154
> #2).
> t.test(bake, mu = 46, alternative = "less")

	One Sample t-test

data:  bake
t = -1.9907, df = 24, p-value = 0.02901
alternative hypothesis: true mean is less than 46
95 percent confidence interval:
    -Inf 45.8966
sample estimates:
mean of x
 45.26442
```