

IT24100167

PS Lab sheet 9

```
setwd("C:\\Users\\thisu\\OneDrive\\Desktop\\IT24100167")
getwd()
#Question1
#1.1

baking_times <- rnorm(25, mean=45, sd=2)

#1.2

t.test(baking_times, mu=46, alternative="less")
```

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> getwd()
[1] "C:/Users/thisu/OneDrive/Desktop/IT24100167"
> #Question1
> #1.1
>
> baking_times <- rnorm(25, mean=45, sd=2)
>
> #1.2
>
> t.test(baking_times, mu=46, alternative="less")
```

One Sample t-test

```
data: baking_times
t = -2.6199, df = 24, p-value = 0.007507
alternative hypothesis: true mean is less than 46
95 percent confidence interval:
 -Inf 45.63907
sample estimates:
mean of x
 44.95974
```