

Probability and Statistics

Lab sheet - 09

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IT23453074

```
Source on Save
1 setwd("C:\\Users\\rusir\\OneDrive\\Desktop\\IT23453074")
2 getwd()
3 #Question1
4 #1.1
5
6 baking_times <- rnorm(25, mean=45, sd=2)
7
8 #1.2
9
10 t.test(baking_times, mu=46, alternative="less")
```

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> #1.2
>
> t.test(baking_times, mu=46, alternative="less")
```

One Sample t-test

```
data: baking_times
t = -3.7881, df = 24, p-value = 0.0004492
alternative hypothesis: true mean is less than 46
95 percent confidence interval:
 -Inf 45.36043
sample estimates:
mean of x
44.83366

> |
```