

PS Lab 09 – IT24100356

The screenshot displays the RStudio interface. The top toolbar includes icons for file operations and a 'Go to file/function' search bar. The menu bar shows 'Addins'. The script editor contains the following R code:

```
1 getwd()
2 setwd("//Users//poornarajapakshe//Documents//R")
3
4 baking_time <- rnorm(25, mean = 45, sd = 2)
5
6 t.test(baking_time, mu = 46, alternative = "less")
```

The status bar at the bottom of the script editor shows '6:51 (Top Level)' and 'R Script'.

The console window at the bottom shows the execution of the code:

```
>
> getwd()
[1] "/Users/poornarajapakshe"
> setwd("//Users//poornarajapakshe//Documents//R")
> baking_time <- rnorm(25, mean = 45, sd = 2)
> t.test(baking_time, mu = 46, alternative = "less")

      One Sample t-test

data:  baking_time
t = -5.6392, df = 24, p-value =
4.163e-06
alternative hypothesis: true mean is less than 46
95 percent confidence interval:
 -Inf 44.58239
sample estimates:
mean of x
 43.96499
> |
```