```
> x <- c(7.5,8.2,8.1,7.8,7.6,8.0,7.8,7.9,8.2)

> mean(x)

[1] 7.9

> sd(x)

[1] 0.25

> t.test(x,mu=8,alternative=c("less"),conf.level=0.9)


	One Sample t-test


data:  x

t = -1.2, df = 8, p-value = 0.1322

alternative hypothesis: true mean is less than 8

90 percent confidence interval:

   -Inf 8.016401

sample estimates:

mean of x

   7.9
```