Roll No.: 40023

Date:

**Aim:** To perform practical of Hypothesis testing.

**Program Code:**

x=c(6.2,6.6,7.1,7.4,7.6,7.9,8,8.3,8.4,8.5,8.6,

8.8,8.8,9.1,9.2,9.4,9.4,9.7,9.9,10.2,10.4,10.8,11.3,11.9)

t.test(x-9,alternative ="two.sided",conf.level = 0.95)

x=c(418,421,421,422,425,427,431,434,437,439,446,447,448,453,454,463,465)

y=c(429,430,430,431,36,437,440,441,445,446,447)

test2<-t.test(x,y,alternative = "two.sided",mu=0,var.equal=F,conf.level=0.95)

test2

**Conclusion:** Practical of Hypothesis testing has been executed successfully.