Program :-

```
from scipy import stats
import numpy as np
np.random.seed(1000)
mpg1=stats.poisson.rvs(loc=16,mu=22,size=16)
mpg2=stats.poisson.rvs(loc=16,mu=20,size=16)
p=stats.ttest_rel(a=mpg1,b=mpg2)
print(p.pvalue)
if p.pvalue<0.05:
    print("We accept null hypothesis")
else:
    print("We reject null hypothesis")
```

Output :-

```
0.032023465291437764
We accept null hypothesis
```