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#Experiment No.7
         # Aim:To perform and analysis of T Test parametric Test.
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         #Class: 3rd yr(B)
         #Subject:ET-II
         #Roll no.:69
In [4]:
         ages=[10,20,35,50,28,40,55,18,16,55,30,25,43,18,30,28,14,24,16,17,32,35,26,27,65,18,43,23,21,20,19,70,40,54]
         len(ages)
In [6]:
         type (ages)
         import numpy as np
         ages_mean=np.mean(ages)
         print(ages_mean)
        31.323529411764707
         sample_size=10
         age_sample=np.random.choice(ages,sample_size)
         age_sample
        array([16, 18, 10, 35, 16, 43, 16, 25, 50, 18])
         from scipy.stats import ttest_1samp
         ttest,p_value=ttest_1samp(age_sample,30)
         print(p_value)
        0.2423008414129211
         if p_value < 0.05:
             print("We are rejecting null hypothesis")
             print("We are accepting null hypothesis")
        We are accepting null hypothesis
```