Assignment-2 population Sample Variance Variance $S^2 = \underbrace{S}^{n} \left(\underbrace{x_i - \overline{x}}_{n-1} \right)^2$ generally when we pick a sample I (sample mean) tends to be close to (24) for sample population As a Desult, $(x_i - \bar{x})^2$ will be lessed than $(x_i - \mu)^2$

To account for this bias, we are dividing with n-1 instead of n which is alled basil correction