$$\begin{array}{c} 935 \\ 1. \quad \overline{X} = 3.3 + 6.3 + 9.5 + 7.4 + 4.0 + 9.6 = 6.6833 \\ 2. \text{MATLAB CODE} \\ 5mp = [3.3, 6.3, 9.5, 7.4, 4.0, 9.6] \\ 5 = std (samp) \\ 3 = std (samp) \\ 4 = std (samp) \\ 3 = std (samp) \\ 3 = std (samp) \\ 4 = std (samp) \\ 5 = std (samp) \\ 5 = std (samp) \\ 7 = std (samp$$

=(6.683-Z.1997, 6.6833+Z.1997)

= (4.4836, 8-883)

. We ge go's controlors that the true mean falls in the internal (4,4836, 8.883)