Exercise 9

Task 1

Task 2

(3) First I used the scipy t-ppf method to find the critical t = -7.093

$$\bar{X} = N \pm t_{critical} \times \frac{S}{\sqrt{n}}$$

$$\bar{X} = 60 \pm (-2.093) \times \frac{8}{\sqrt{20}}$$

lower value = 56,26upper value = 63,74

The sample mean has to be between these values or will be rejected: