3) INTERVALNA OCENA

$$m_x \in \left[\bar{X} - k_{1-\alpha/2}\, \sigma_x/\sqrt{n} \;,\; \bar{X} + k_{1-\alpha/2}\, \sigma_x/\sqrt{n} \right]$$

POLOVIČNA ŠIRINA INTERVALA

$$k_{1-\alpha/2}\, \sigma_x/\sqrt{n} \leq 0.1 = E \Rightarrow \quad n \geq \frac{k^2_{1-\alpha/2} \cdot \sigma_x^2}{E^2} = \frac{1.96^2 \cdot 0.5^2}{0.1^2}$$

$$n \geq 96.04$$

VZOREC MORA VSEBOVATI VSAJ 97 ELEMENTOV.