-inction as floom and as some surround at the for 1:1:0 a The Rine x-x+1; Runs for 2 5 = 1 1=1 1=1 * The Rinempor pellinomuns for emisous istales sous pour in side of the Time Complexity T(n) = n2+n+n2+1+n+1 $\frac{3n^2+3n+2}{3n^2+3n+2}$ where The highest degree polynomial is (2) do run time is 0(n2) The effects mont be visible but 90

Bound, Rower bound a specify big-0, big-onega & big-theta. D-) Big-O (upper bound) 1 (a) Grow fren faster Han the Asymptotic foresus D Big-omega , (hower bound)

3 this function also doesn't Grow Slower than The Asymptotic fonotion $\Omega(n)$ Big-Theta: This 93 our function which
Grows Asymptotically as 12,

