Ronald 1a. 3x3 + x2 1092 + 2x2 + 3 1092 Chatelier high time complexity=3x3 3x3+2x2+x2109n+3109n 3x3 + 2x2+ 1092 (x2+3)//x2+3 combine 1/ logn combine 3x3 //lower terms removed  $3x^3 = O(x^3)$  // Constants removed (O(X3)  $2x^2 + (109x)^2 + 109x + 8$ high time complexity = 2x2 2x2+(109x)2+109x+8 2x2+ 109 x (109 x +1) + 81/109x)2 SPIi+5 1/(109x+1) cheated 2x2 // lower terms removed 2x2 = 0(x2) //constants removed  $\Theta(X^2)$