Complexity of Selection Sort for (i=1; i<=n-1; i++)? → n min_index = i; 800(j=i+1; j<=n; j++)? -> n(6-1) man index = \hat{J} ; $\Rightarrow \chi \delta$ if (min-index!=!)? ----> n-1 temp = a[i]; ---> n-p ati] = atminindex]; -> n-p a (minindex) = temp; -> n-P (n-1)(n-2) = 2-372 $c_1 n + c_2 n - c_2 + \frac{c_3 n^2}{2} - \frac{c_3 n}{2} + \frac{c_4 n^2}{2} - \frac{c_4 3 n}{2} + c_4 + c_5 x$ A wow we get, + C6n-C6 + C7n-C7P + C8n-C8P + C9n-C9P $= 2c_1n + 2c_2n - 2c_2 + c_3n^2 - c_3n + c_4n^2 + 2c_9n + 2c_4 + 2c_5x + 2c_6$ $-2c_6 + 2c_4n - 2c_4p + 2c_8n - 2c_8p + 2c_9n - 2c_9p$ = n^{2} (cos + cy) + $n(2c_{1} + 2c_{2} - c_{3} - 3c_{4} + 2c_{5} + 2c$