Select Sort

$$= (n-1) + (N-2) + (N-3) = + 2 + 1$$

$$= 1 + 2 + 3 + ... + (N-3) + (n-2)$$

$$= [n + (n-1)/2]$$

$$T(N) = (n * (n-1)/2) + (n-1)$$

$$T(N) = (n^2 - n)/z + (n-1)$$

$$T(N) = (n^2 - n + 2n - 2)/z$$

$$+(n) = (n^2 - n + 2n - 2)/z$$

$$f(w) = (n^2 + n - 2)/2$$

Dominan term is no $O(n^2)$

