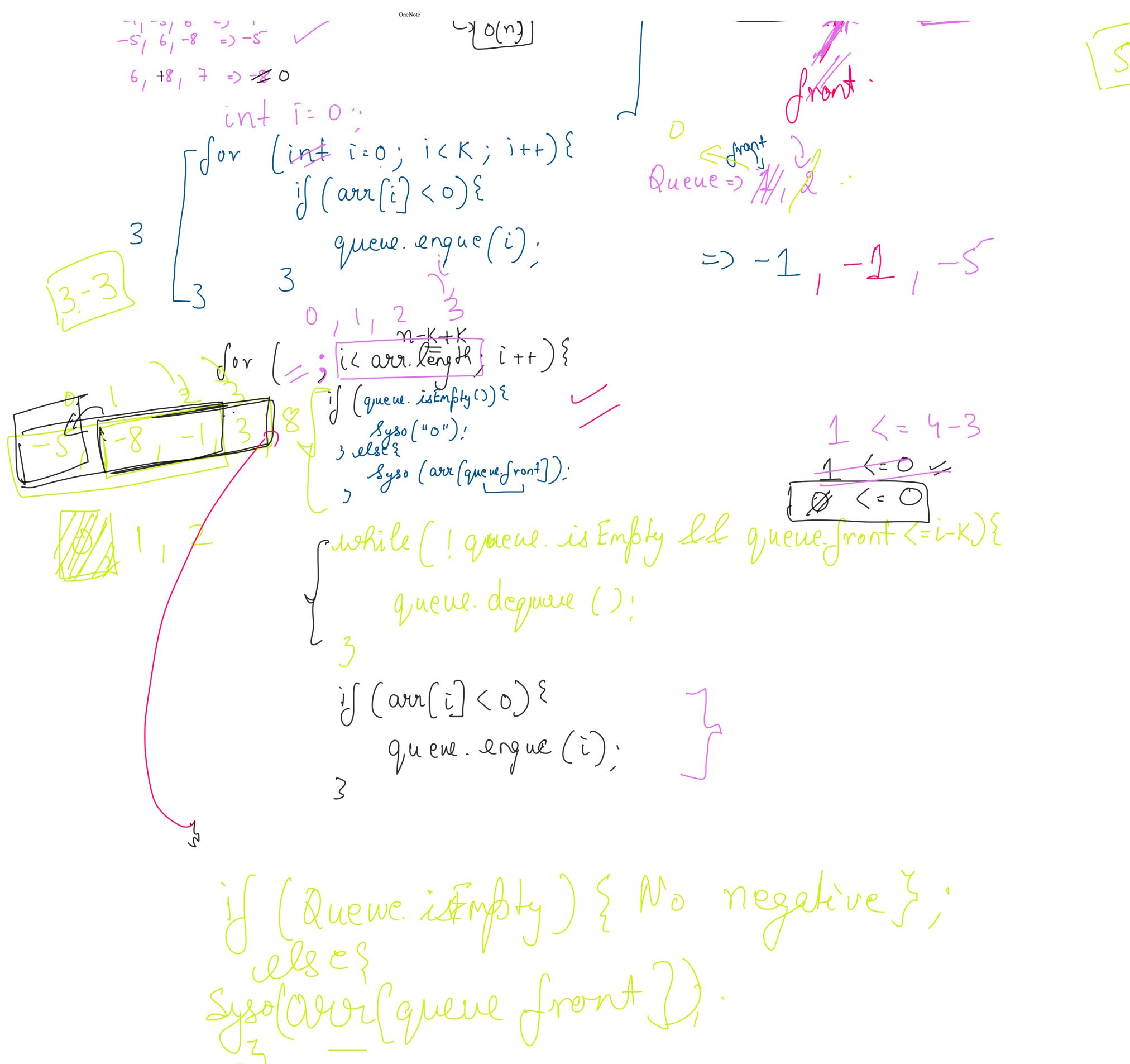


```
dinear Search ->n:(10 arr)=> ops ->(10)
                        N= 1000 =
                        N: 100000 = 100000
                        N= 109
           for (int i=0; i< n; i+t) {

if (avr[i] = -data) \le > o(1),
                 ans=1
Bubble Sort ->
          \int or \left( int \ i=1; \ i < m-1; \ i+1 \right) \left\{ 1 \right. 
\int or \left( int \ j=0; \ j < m-i; \ j++ \right) \left\{ 1 \right. 
= \left( m \right) \left( m-1 \right) 
= \left( m \right) \left( m-1 \right) 
= \frac{m^2}{2} \left( \frac{m}{2} \right) 
        B.S -> 10, 20, 30, 40, 50 m2
   Jor (int i=1; i < our length; 1++) { => [o[n] | Best lesse |

for (int J=i; J>0 ld ovr[J] < ovr[J-i]; J--) |

Swap (...).
             S { 3, 5, 1, 3, 7, 17
                                            T(N)=2x2x--ntimes
                                                                                   ~> N² → X ·
                                                                                                                          1 => 15
                                                                                                                          3=215
                  nent Larger Element-
                                                                                                                          4=)7
                                                 7=2-1
                             3=215
                                                                                                                                  6=)7
                             15=7-1
                                                                                                                          7>4
                             6=)7
                                                                                                                          776
                              4=)7
                                                                                                 Stack.
                                        Negative in ja window
                                                                              of Size K.
```



 $https://codingblockso365-my.sharepoint.com/personal/rishab_kapoor_codingblocks_com/_layouts/15/Doc.aspx?sourcedoc=\{db168ca8-4118-4322-83e7-614a555afa73\}\&action=edit\&wd=target%28Crux29Dec2019.one%7C0636efba-6ea9-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2F%29-b149-ab2a-036b9c9cb98d%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2FLecture13%7Ccb8e781a-7ef6-a54f-8221-b34f0069d89c%2FLecture13%7Ccb8e781a-7ef6-a54f0069d89c%2FRecture13%7Ccb8e781a-7ef6-a54f0069d89c%2FRecture13%7Ccb8e781a-7ef6-a54f0069d89c%2FRecture13%7Ccb8e781a-7ef6-a54f0069d89c%2FRecture13%7Ccb$

5-3

9 (= 2