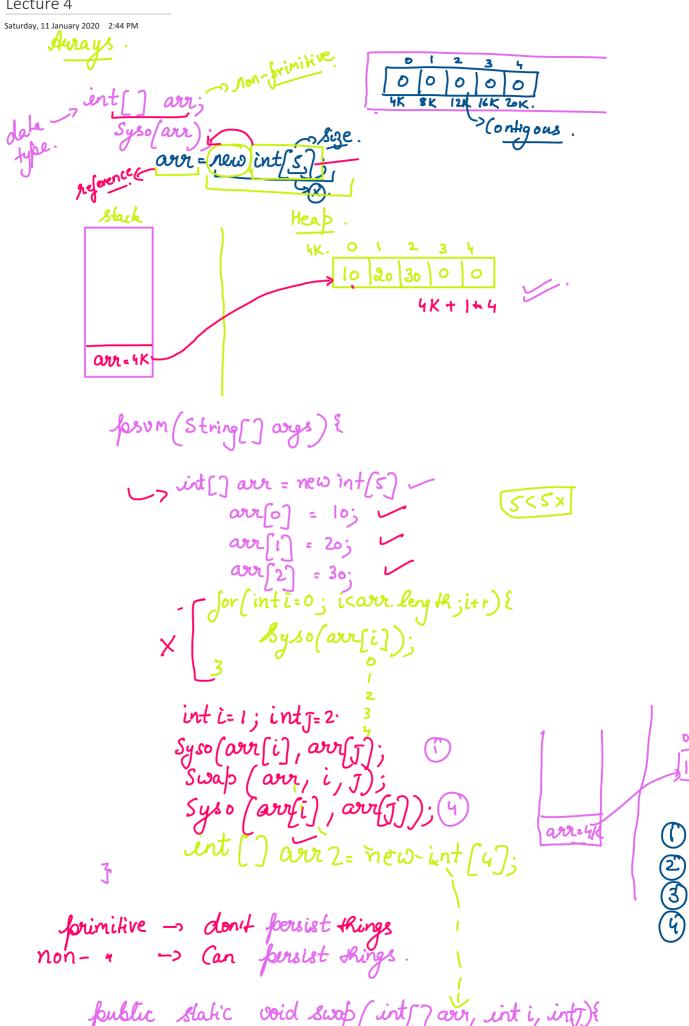
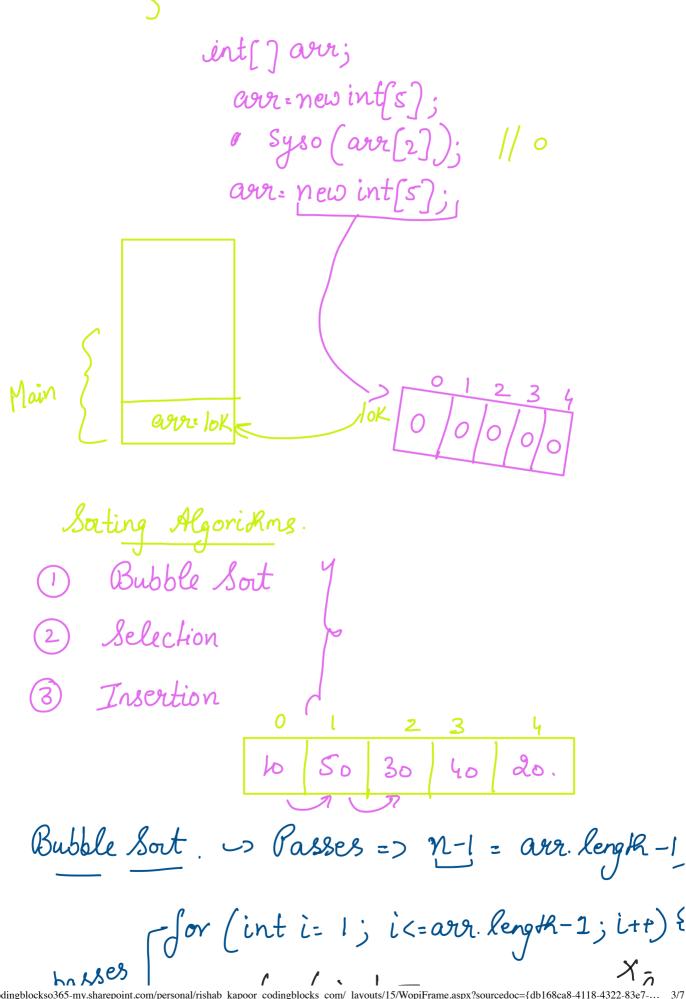
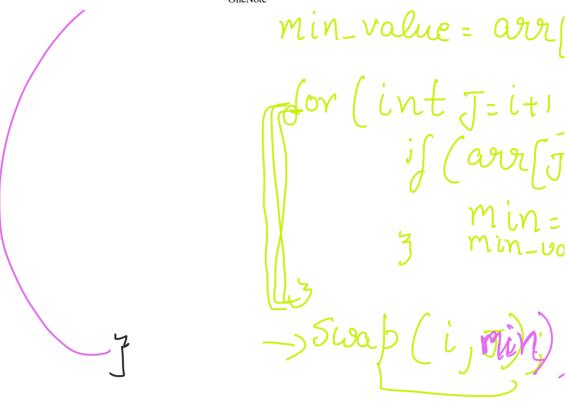
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or (unt J=0; J< arr. len (avr(J) > avr(J) $z > \omega \alpha \beta (J_1 J + 1)$ Pass 1 10,50,30,40,20 10,30,50,40,20 10, 30, 40,50,20 0,30,40,20,50) Pass 3 -> 10,30,20,40,50 10,30,20,40,50 10, 20, 30, 40, 50 arr->{ 10,8 Sor (int i=0; ix arr



Insertion Sort

O (2) 2 3 4. 5 40

Insertion Sort (int[] aur) {

for (int i= 1; i < aur.length; i+t) {

for (int J=i; J>olf aur[J] < aur.length; sur.length; j+t) }

Swap (J, J-1);

3

Mare Subarray Sum ? $3 - S_{1} - I_{1} \cdot S_{2} \cdot V_{1} \cdot 2 \cdot V_{2}$ $3 - S_{1} - I_{1} \cdot I_{2} \cdot V_{1} \cdot V_{2} \cdot V_{2}$ $3_{1} - S_{1} - I_{1} \cdot I_{2} \cdot V_{1} \cdot V_{2} \cdot V_{$

3,-5,-3,-5,- 12/01/2020 OneNote

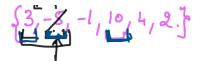
```
fublic static int approach (int () avr) {
  int man = -0
               int sum = 0;
               for (int i=0; i carr. length; i++) {

for (int J=i; J < arr. length; J++) {

int sum =0;
                          1/3 11-2
                                                             //3
          foublic static int approach 2 (int() arr) {
   int sum=0
                        int max = -0
                      for [int i=0; i<arr.length; i++) {

for (int J=i; J<arr.length; J++) {

Sum=Sum+arr[J];
                                      if (Sum>man) {
                                          man: Sum
                               Sum= 0;
                 return max;
          public static int approach 3 (int [] ann) {
int man=0
Kadaneis
                        ent sum = 0;
                       for (int i = 0; i < arr. length; i++) {
Sum = Sum + arr(i) | | | |
                                                                       // 3
                                    is (Sum>max) {
```



man = Sum 3 if (Sum <0) { Sum = 0; 110