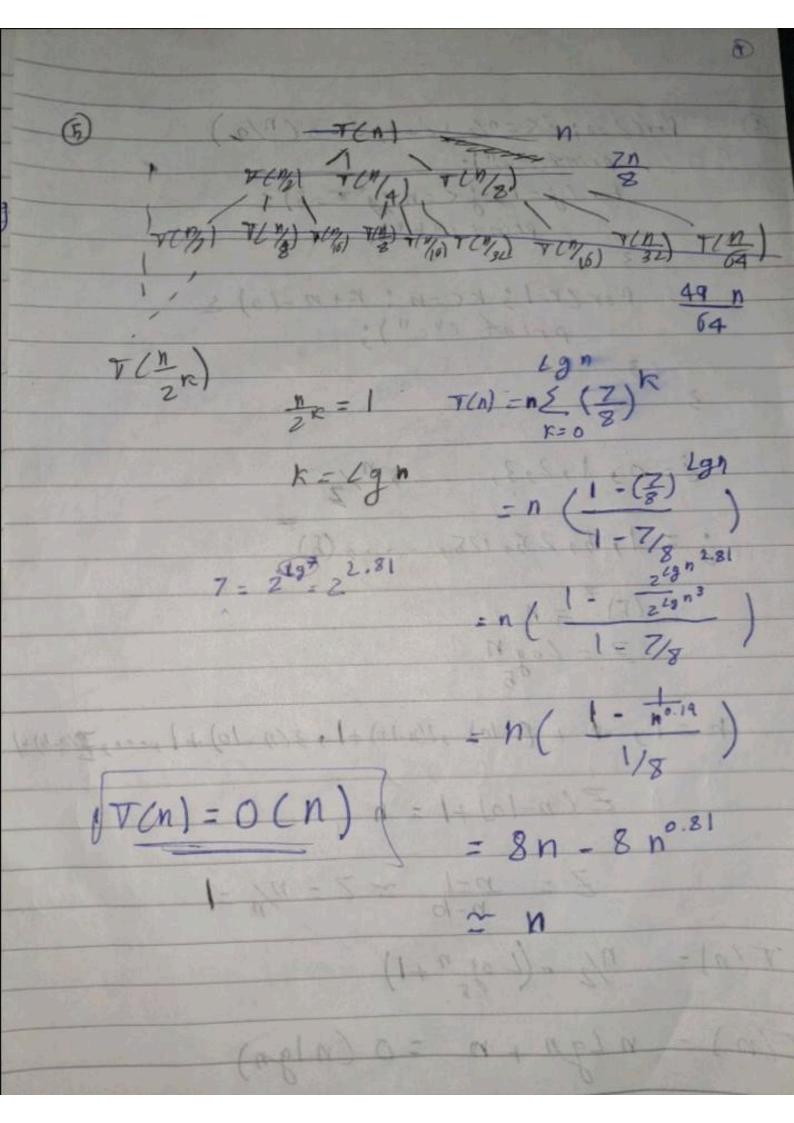
Sheet 1 Yoseen Islam Mohamed 9032 200 - 600 - 500 - 500 - 500 E @ palindrome (word, start, ent) if end less Than oregued start roturn' Trac elkit work [stort] not equal work send] else retorn" Folke" redura polialrame (work, start) ent-1) (Binary Search (Key, Arr, Hartsend) mid = (startiend)/2 if Array [mid] is equal to Key set orn 1 N - M else if end less Thom soul else If key greater Than Arr [mid] siden B & norg Search (vey, Arr, mid, end) else: 5- kg /c45 7 han Arr [mid]
retorn Binarsearch (Key, Arrostort, mid)

for(0=0; 0 <= n * n; 0+= n/2) & 0(2n) print ("al"): For(j=n'sj7=0;j-=2) & grind L"b"S; 3 Home Thate whereas mortillage to 3 TONE TONE TONE TONE JUNE 1 6=0,1/2,2x1/2,3x1/2,41/2,--, K1/2 Bose cose KM2=n7 Bose cose j=n,n-2,n-4,n-2k2 WIR - 12 Told House 1 1 2 n-2k2 = 0 2K2=N 1 F2 - 1/2 T(n) = 0 (n2) Marchine or a format growth and The text has accomind retain Brangham Willy Acceptant, mid

```
0
     for(6=0; i(=0/2; i++) & o(1/2)
       prin+("a");
      for (j=1; j (=n; j == 5) s

prin + ("b");

3
  3 Print ("c");
  (=0,1,2,3,--,7/2
  j=1,5,25,125,--,(h)
   (x=1,-1+ (0+10) , 2(n-10)+1, 3(n-10)+1, ..., (n-10)+1
     Z(n-10)+1 = n (N) 0 = (N) T
        Z = n-1 = Z = n/n=1
 T(n)= 1/2 - (Log n+1)
         nlgn + n = 0 (nlgn)
T (n) =
```



< Lgn! \ Lgnn {8n < 16n < n | < n < 82n Cnt (Wign lim (Logo) - lim (n in(2) nlogn would Be For Vine conflexity 10 16 - 16 0 0 pt 3 14 7 2 28