

Foundation Course on Data Structures & Algorithm - III

Doubl Somion - VII Sheet

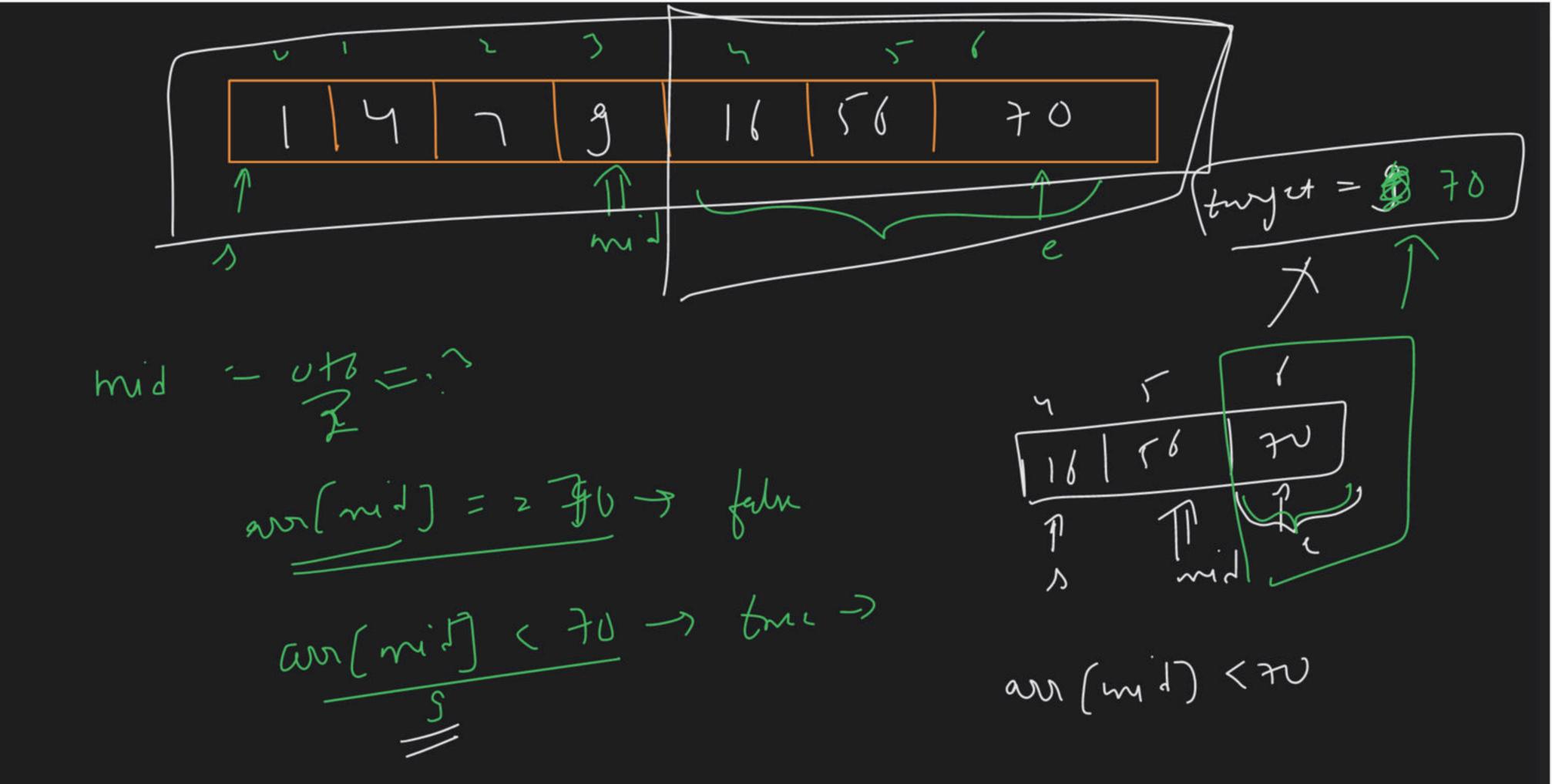
Recurried Jons Remark

Realission; I'tim X Creat 2 work Recompagning To Quation 125 quutims Richard Drywy Lubic V 8 m Arre = s = 1 b c > 2

thornal Yn or No= / Rec TXP -> 10 h il (n -- - 0) y dun! int ary 2 for (2. 1/2) my/ UL (Del) ib (nd!) runn avstan x 2; Mic och mo an;

DInary BS (int aurs), int M, Z, [nt taryot] int (= n-1; » + (e-») int mitz (1+e)/2 0) while (s <=e) ((aus(mid) = = try of) torn (mid) < twy or)

Setun - 1:



 $\int_{1}^{1} \int_{2}^{1} avr\left(miJ\right) = 270$ when mid

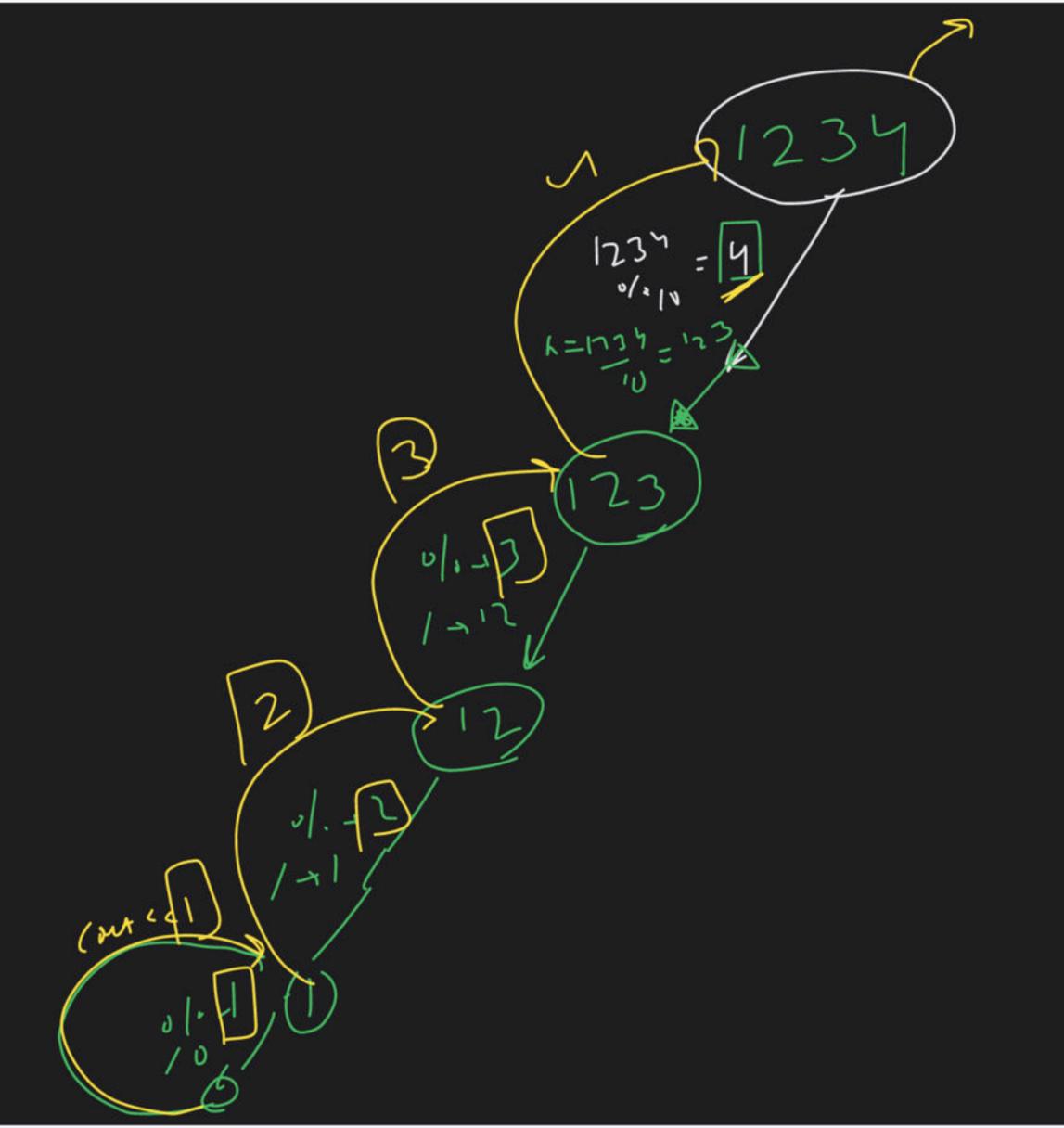
7 0 7 m 1/ Base Leve mr (mi) = = 70 func (av , s, e, target) Not Jours Till s>e) -> entr avy trans Yetron - 1; Found int mid =(1+c); if(avr(mid) = = twyd) s=widnif (aux (mid) < turget) ______ right part notes for (aux) _____ mid+1, e, turget); rotun Wid notes for and, s, mid-1, taget f.bona(1) Dest Recurrier

() (n=1234)

print its digits (Using Recurrier)

1, 2, 3, 4

1234



16 (-=- 0) 16 (-=- 0) return;

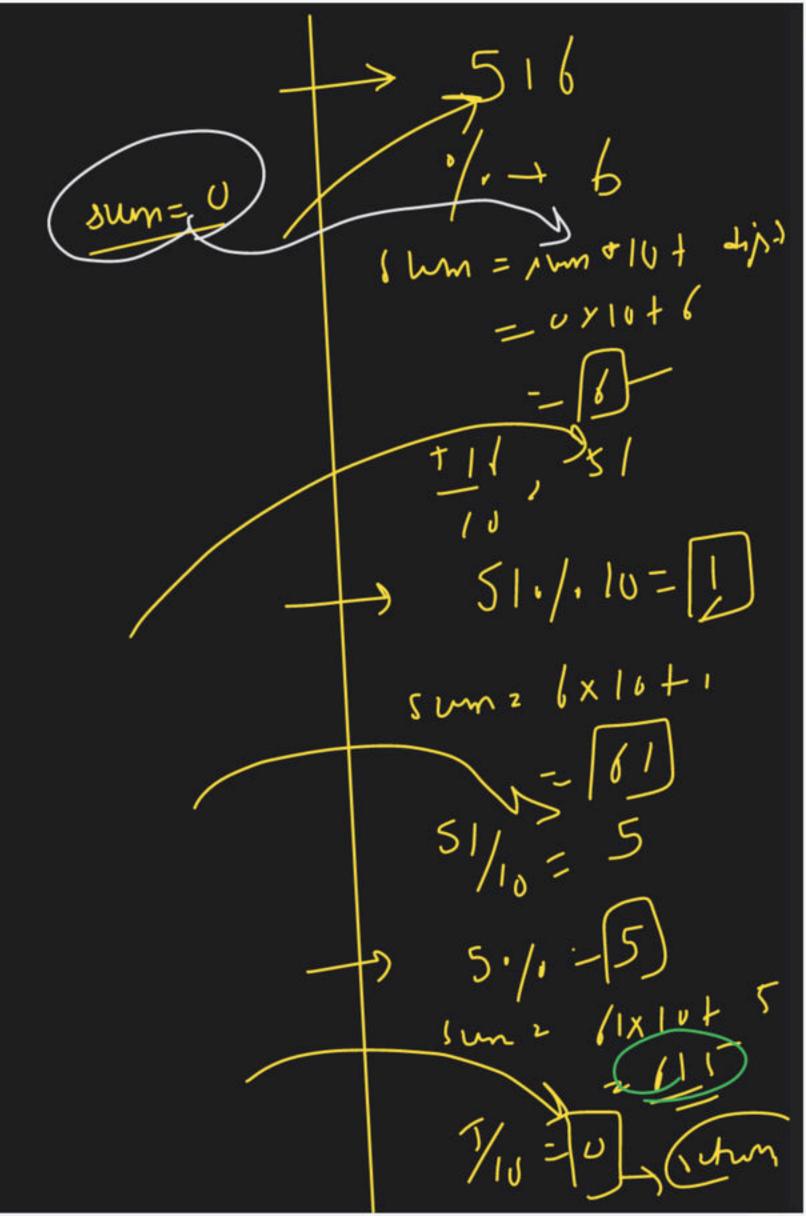
BAGG 10W 1C> -IMPX Madium 4,00.1 BRY RUN

print Digits (int m) Yus or Wo 11 Bare Luc i/ (n == 0) y chun; int -digit= n./010; n = n/105,1,8 print Digita (n) \$ << '\' - '| . cont << digit

h = 516 0/r (615) 0/r (615)

digit num





reverse (int n , int &s mm) // B.(if (n = = 0) (ow < (vm) sum ih a I bad (naom) int digit = n 1/010% · sum = sum + 10 + dynt; = (51/,0) Rac $n = \kappa/10$ $\kappa \cdot V$ 1 (Jan -) b(Lh) Ywrys, (n, shm)/ 1) rum(511, 0)

inchrien ex Union (prcapl Poyer S

PM plan 1 tobers

droicel = avr[i] + min (f(i+1,j-1)), choice = avr[j] + min(f(i+1,j-1),f(i,j-1))

n, sun

max

Kh character > Una (ademy Interview Bootlamp US/pnm1/00ms/(W

0110 0110 01/10/06 (2 m²) 10 60 1- Y DW -> 1-10 3' ww. h= 2 , K:2 N= y, K= 1

, 4 , (0110) 21-502 mid = pow (2, n-1)/2 / why 21-1-20->1-0 2 2 -1 -> 2 1 - [] 2 2 2 2

Durtion (1.5) W Dry Run (1:42~) il (K<=mi) retur (n-1,1) Nixt Ugy dr voturn | (r-1, K-mid);

Dry Ryn -> Kh (tan -> LB-1) 1/ -1/ June Acd zonc Inhla J V-1 DEU 5110 G MI -)

Rewriters Sheet [=] Max Prod of word lyn 318L(-) 2 sold avey - Junis M. dian

mail -> medy -> Dinion



