CSE 220-Final
MD Asiful Alam
20301038
Section: 11

## Am. To The Q. No. 1 first function Sum (arr, index 1, index 2): if index 1 > = len (arr): return def marr hested): if index 2 >=lan(over[index]): 11000, 1100, 9,0,1,1100 return Pelse return arr [index 1] [index 2] + list (index 2+1) retern list (arr [index 1]) + Fairst function is e typin first function sun (arr, index index2) Print (Here, the commetion of all the numbers is Print (first function Sum ([[15, 18], [9, 17])

Thin @ Hum Hum

## Amoto The 9.No. 2

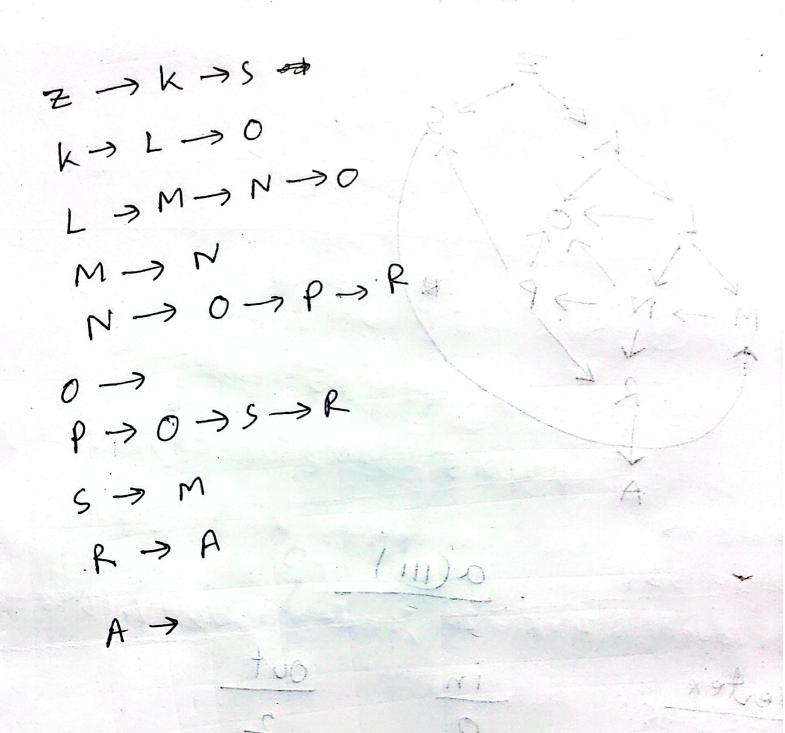
Array: [De@us, ce\$58, Jy#23, UA1.19, L2829]

ii) 
$$ce $ 45$$
 $50m = 313$ 
 $producf = 5 \times 8 = 40$ 
 $index = (313 - 40) \cdot 1.40$ 

iii) ] ) # 23 product=.2x3=6 Sum: 331 Index: (331-6) 1.61=0 (U) UA 7.19 (20 A) (U) sim: 6325 product=9 www to inder 2027 Trotor. Index=3 ['] \$ #23, UA 1.19', 'L2 & 72', De@ 45', 'Ce\$58 so, Hashtable:

my To The DING/2 def search (A, Aux, Key): index=hash (key) of while Ching Len(Aux)): e00000 | = 0 if Aux Cindex ] = Ley: we retorn strue index = index/(len(Aux)) Index = 3 20000 severil elilitus isstitus

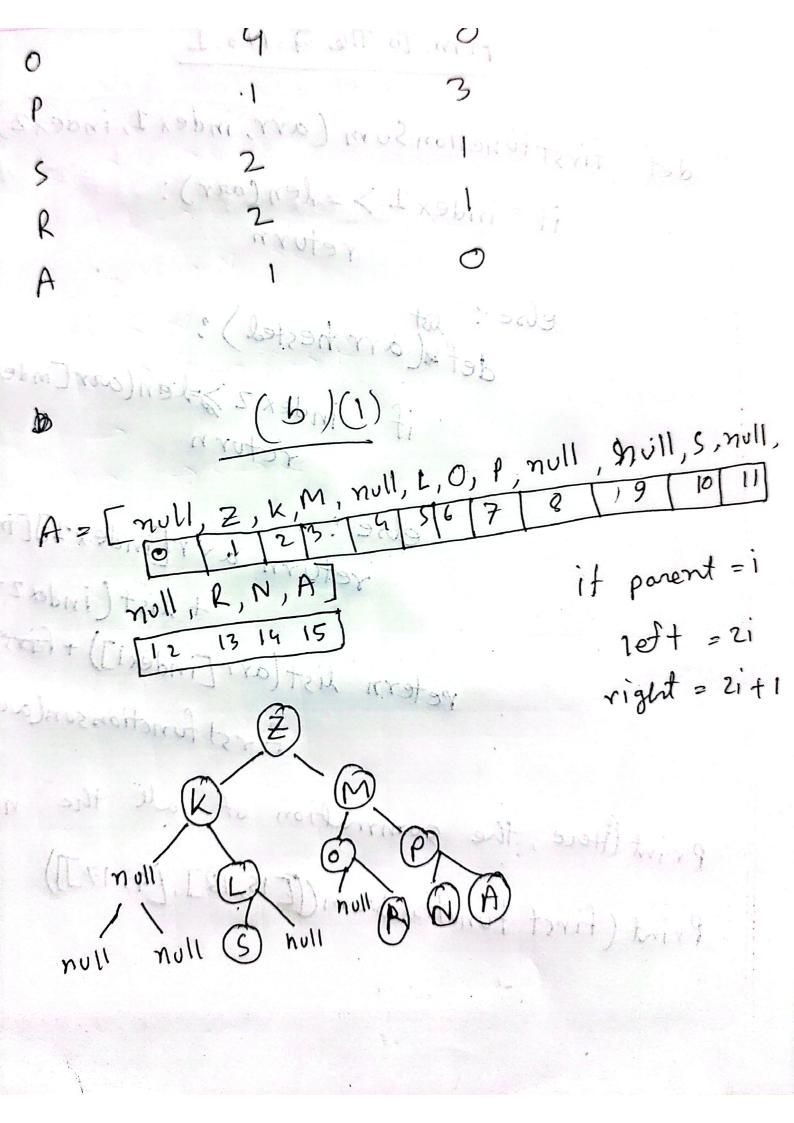
## Am. To The a. No 3 (a)(i)



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3 cascins or wh

a(111) out 2



S. on the Darray A Are-order Z, K, L, S, M,O,R, P, N, A in-order - S, L, K, Z, O, R, M, N, P, A K(111) 1 120 e (18 25) 机多十多分三十二 Se su 338 A Shari OS = 2xx = touborg 1) Ce \$ 45 818 = 1013 00 = 3x 2 = touber 1 ing ex = ( 213 - No) = .1. 40