de manager 35 N - de de de penana, de manager 35 N . a De arion . Construe

S= 9 (i, 5, \$50), (i2, 25, \$140), (i3, 10, \$60)}

35

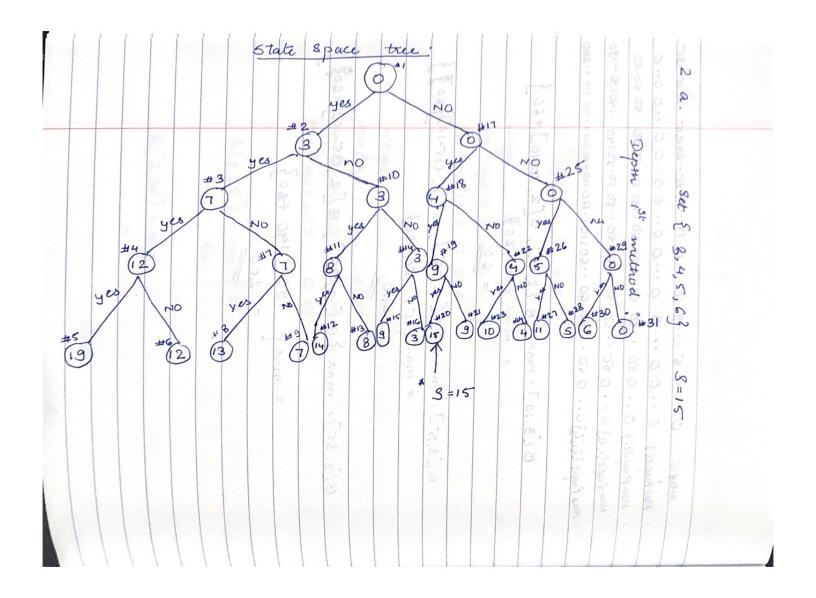
35 50

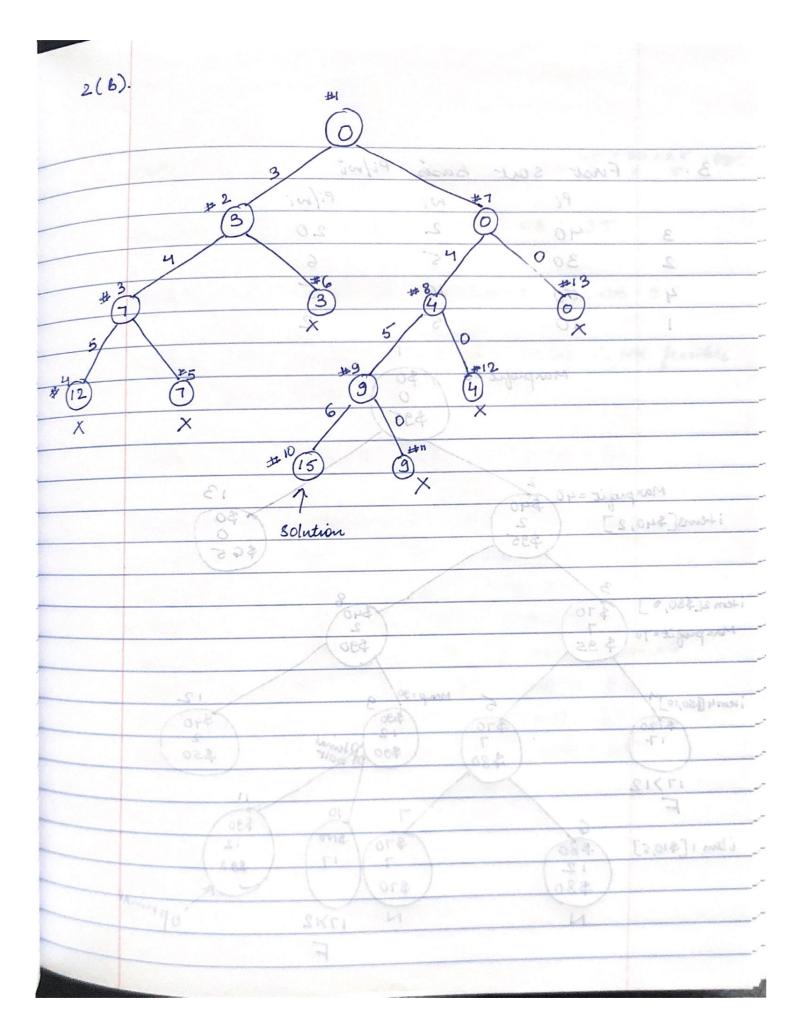
Weight 0 ... 4 5 .. 24.25 26 ... 29 30 ... 35 Max Projit ? i, i, 30 0 50 ... 0 0 ... 0 0 ... 0 0 ... 140 190 ... 190

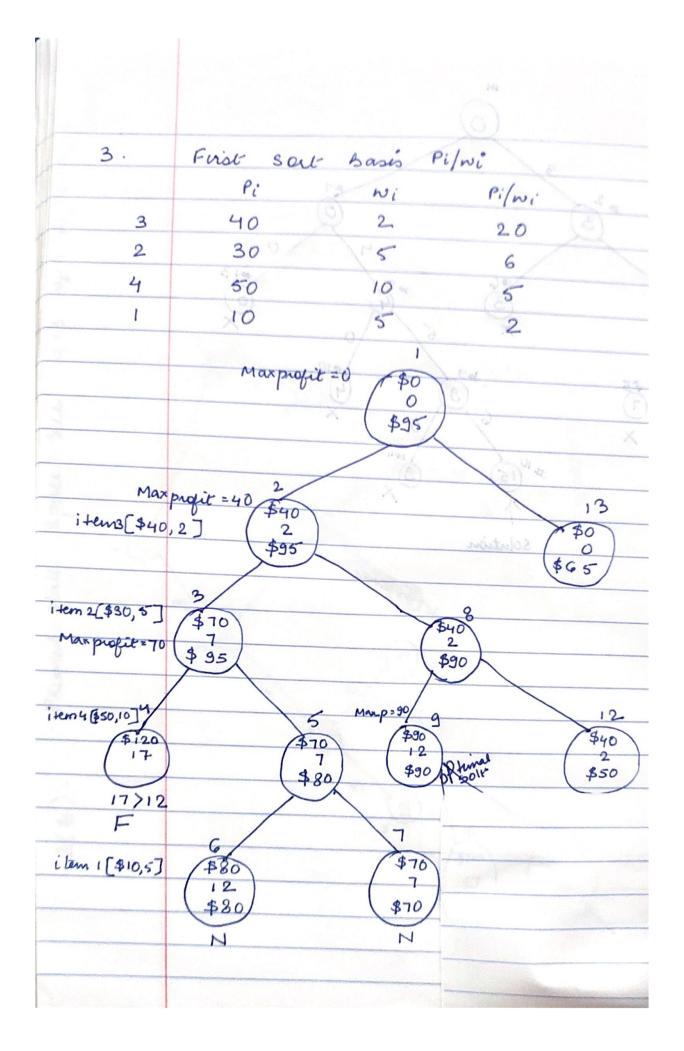
> B[2,25] = max {B[1,25], B[1, (25-25)+140] = max \$50, 0+1403 = 140

B(2,30) = max {B[1,30], B[1,5]+140} = max \$50,1903 = 190

weight 0 ... 4 5 ... 9 10 ... 14 15... 19 20.. 2425 ... 29 30... 35 - Max Profit ? 3 0 .. 0 0 ... 0 0 ... 0 0 ... 0 0 ... 0 0 ... 0 Max Profitti; 0.050 .50 50.50 50.50 50 50 50 50 Max Profit {1, 12} 0 . . 0 50 . . 50 50 . . 50 50 . . 50 50 . 50 140 . 140190 - 190 5 Max Profit Ei, 12 13 0. 0 50 . 50 60 . 60 110 . 110 110 . 110 110 . 200 B[3,10]: max &B[2,10], B[2,10-10]+609 = max { 50,603 B[3,15] = max &B[2,15], B[2,(15-10)]+60] = max \$ 50,50+60} B[3,35] = max {B[2,35], B[2,35-10)]+60)} = max \{ 190, 140 +60 \}

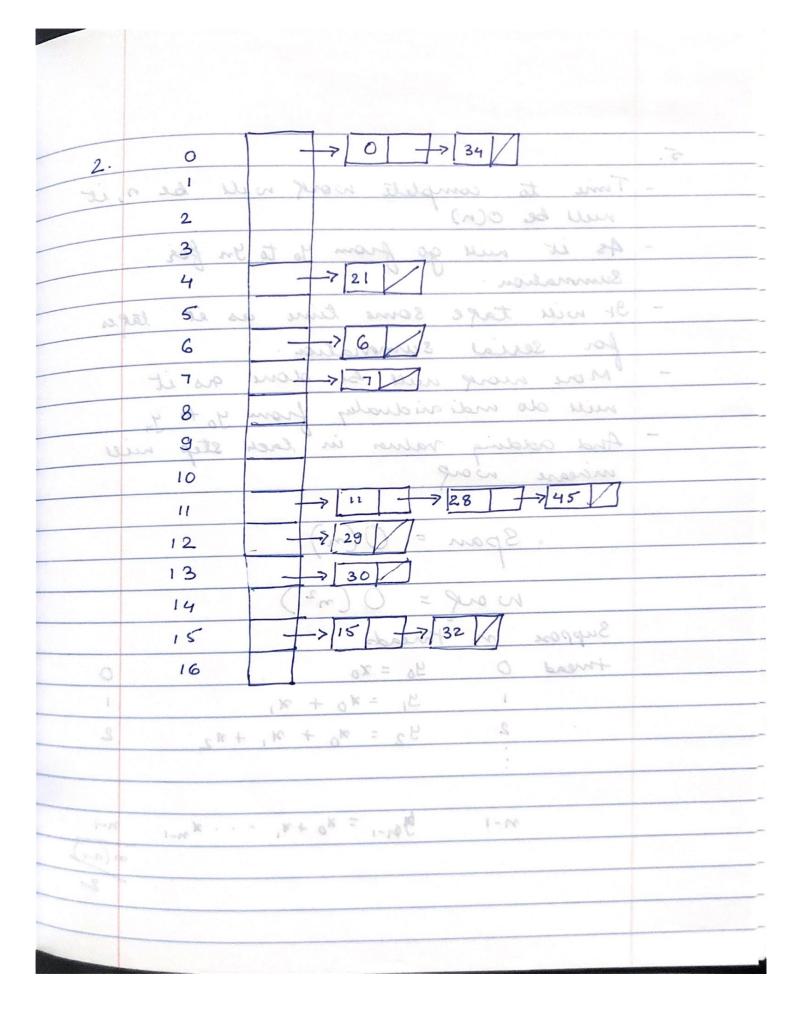






Node 1: P=0 N;=0 000 UB= 40+30+25=\$95. Noch 2: P2=40 N,=2 CTN :. UB = 95 1. Linear probing Node 3 : P = 40+30 = 70, W = 2+5=7 .. UB = 95 Home buckets = 19 cm 9. 17. Mode 4: P = 70+50, N = 7+10 = 177 Cap :. Not feasible hence back back S1 = L1 pow s1 Node5: P=70, N=7, UB = 40+30+10=80. Node 6: P=40+70+19W=12 UB= 80.00 85 Node 7: P= 70, W=7 UB=70. Node8: P=40, W=2, UB=90 w=12, UB=90 Nede 9 = P = 90 , w = 17 Not feasible Nade 10 = P = 100 , W= 12 UB = \$90 Nede 11 = P = 90 Hode 12 : P=40, W=12, UB=50 , W= 0 , UB = 65. : P = \$0 Hede 13

二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	6, 15, 134, 29, 28, 11, 21, 7, 0, 32,
	30,45
	10042 : 8, 340 M, CE CTH S. UB = 35
1.	
> 6	Linear probing:
	Home Buckets = Rey 9. 17.
- Jeanible	Mode 4: P = 70+50 10 = 7+10 = 17>Cap : Not
	6 mod 17 = 6 PORT NAD DIRA
	15 mod 17 = 15
	1834 mod 19 = 0 00 , F = W , OF = 9 : 7 100 M
	29 mod 17 = 12
Marie San	28 moda7=== 11 21= 11 01+01=9: 3 2001
	21 mod 17 8=111 f=00 05 =9:5 abox
	mod 17 = 7 0= W
in it was	0 moder = 021= m = 120 = 120m0 0
Mi	32 mod 17 = 15 1 = W (1) = 9 = 01 about
0	130 = mod 17 = 13 = W 0 = 9 = 11 show
	45 - mod 17 = 211= CN, OH = 9 = 51 NOOH
	HOOK 13: P=40, W=0, UB=65
	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
1	34 0 45 21 6 7 28 29 11 30 15 32



5.	18 8 0 8
_	Time to complete work well be n, it
	mill be o(n)
-	As it will go from yo to In for
	Summation.
-	It will take some time as it lakes
	for serial summation.
_	More more neill be done no it
	will do andi said with
	neils do andi vidualy from yo to you
	And adding values in lack step nice
	marease noup
	Span = 0(n)
	13 -30/
	$work = O(n^2)$
	Suppose in threads
	+mead 0 yo = xo
	4 - 4
	$\frac{2}{3} = \frac{4}{3} + \frac{1}{3} + \frac{1}{3} = \frac{2}{3}$
	n-1 by - x
	$n-1$ $9n-1 = x_0 + x_1 - x_{n-1} - x_{n-1}$
	m(n-1)
	2