М	Τ	W	TF	S	S
Page No.:					
Date:		The Management of	YOU		UVA

. 21	Date:
*	Sum of Subset
	Given a distinct positive number, find all combinations
	of these numbers whose sum are m.
	The state of the s
	Sol in n huple, index -> index of number in weights dis XII
- delivered	value > 1 050, 1 hr considering that weight else not.
that:	Assumption w[1] & m and & w[i] > m
i.i	war it so the man (last) x (soll (as = 12) ore) ti
3	Explaination 1) (1 (3+ white 12) (1) 2/3
	Two conditions -> for - each weight indiarray?
	i) case-1 => that value is considered for sum
	11) case-2=> not considered
	let 3 => current sum (ds = \(\frac{\xi}{2}\) = \(\frac{\xi}{2}\) \(\frac{\xi}{2}\)
	k => current index
\$	r=> total value left de s= s= w[j]
	in short the weight array work hard
	$[\omega[1], \omega[2], \omega[4], \omega[n-1], \omega[n]]$
	> ho be considered 1 0 1 (asculated) (be calculated)
	all sum.
-	Steps initially == 0, k=0, v= \(\init\)
77A	(1) 6.7.11.1.00.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0
1	from 2 conditions 1)#leftchild, considering the value hence (x[k] = 1)
1 1 1 1 1 1 1	· if previous sum (s) + this value (w(k)) = m, we got answer
	1 1/2 (Trans 12 + 2 - 12 + 3 - 14 + 3 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +
	it not above shon it not above shon if previous sum + w[k] + next value w[k+1] < >, ie still does or if previous sum + w[k] + next value w[k+1] < >, ie still does
	and my use add current sum wing with any organi
	whi hom botal left value (8) to.
	2) #Right child (x[K]=0)
	2) +1 1 4 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1
1	· don't add wife] in s but remove colk] from r.
Mark III	

