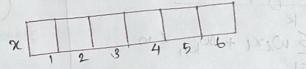
Subset Sum problem is to find Subset of elements that are selected from a given set whose sum adds up to a given number K. We are considering the set contains non-negative values. It is assumed that the input set is unique (no displicates are presented).

Consider the following example. $W[1:6] = \{5,10,12,13,15,18\}$

We have to take subsets of those weights such that their Sum dotal is exactly equal to a given value (here it is 30).

11.08 0, m=3081.88 1 181.84 Which all weights are including, we will write the solution in an array which contains either o or 1 es & values. & ci, Ip we include a value, I will be written the array and

ing a value is not included, then o will be written.



xi = 0/1. m < 00 } + 100

The solution can be found out by using different mediads. One way is to compler all possible selections and find out which of those selections is gring us then Sum 30. If we down the state

Space toll. x=10 x=0

