```
def sum_of_subsets(s, k, r):
    global count, x, w, d, i
    x[k] = 1
    if s + w[k] == d:
        print("\nSubset %d = " % (count + 1), end=" ")
        for i in range(k + 1):
            if x[i]:
                print("%d" % w[i], end=" ")
    elif s + w[k] + w[k + 1] <= d:
        sum_of_subsets(s + w[k], k + 1, r - w[k])

    if s + r - w[k] >= d and s + w[k + 1] <= d:
        x[k] = 0
        sum_of_subsets(s, k + 1, r - w[k])

if __name__ == "__main__":
    w = [0] * 10
    x = [0] * 10
    count = 0
    i = 0

    n = int(input("Enter the number of elements: "))
    print("enter the elements in ascending order: ")
    for i in range(n):
        w[i] = int(input())

    d = int(input("Enetr the sum: "))
    sum = 0
    for i in range(n):
        x[i] = 0
        sum += w[i]

    if sum < d or w[0] > d:
        print("\nNo subset possible \n")
    else:
        sum_of_subsets(0, 0, sum)
```

```
ouput:
Enter the number of elements: 4
enter the elements in ascending order:
7
11
13
24
Enetr the sum: 31
```