```c
# include <stdio.h>
int d;
int x[10]
int w[10]
int n;

int main()
{
    int n = 0
    printf ("Enter target weight \n")
    scanf ("%d"      &d);
    printf (" Enter the number of weight \n")
    scanf (" %d", & n);
    printf (" Enter the weight \n")

    for (int i = 1; i <= n; i++) {
        scanf ("%d", & w[i])
        rt = w[i]
        x[i] = 0
    }

    int cs = 0;
    sumofsubs (cs, 1, r)

{
}

void sumof subs (int cs, int k, int r)
{
    if ( k <= n)
    {
        if (s = w
        x[k] = 1
        if ( cs + w[k] == d)
        {
```

```
for(int i=1; i<=k; i++)
{
    if (x[i]==1)
        printf ("%d\t", w[i]);
}

else ( cs + w[k] + w[k+1] <= d)
        Sum of Subs (cs + w[k], k+1, r - w[k])

if ( cs + r - w[k] >= n && cs + w[k+1] <=d)
{
    x[k]=0
    Sum of Subs (cs, k+1, r - w[k]);
}
}
}
```