```c
#include<stdio.h>
#define TRUE 1
#define FALSE 0
int inc[50],a[50],d;
int promising(int i,int wt,int total)
{
return ((wt+total)>=d)&&((wt==d)||(wt+a[i+1]<=d));
}
void main()
{
int i,j,n,temp,total=0;
printf("Enter how many numbers are in a set:\n");
scanf("%d",&n);
printf("Enter %d numbers to the set:\n",n);
for(i=0;i<n;i++)
{
scanf("%d",&a[i]);
total=total+a[i];
}
printf("Input the d value to create subset sum:\n");
scanf("%d",&d);
if((total<d))
printf("Subset construction is not possible!");
else
{
for(i=0;i<n;i++)
inc[i]=0;
printf("The solution using backtracking is:\n");
sumset(-1,0,total);
}
}
void sumset(int i,int wt,int total)
{
int j;
if(promising(i,wt,total))
{
if(wt==d)
{
printf("\n{");
for(j=0;j<=i;j++)
if(inc[j])
printf("%d",a[j]);
printf(",}\n");
}
else
{
inc[i+1]=TRUE;
sumset(i+1, wt+a[i+1], total-a[i+1]);
inc[i+1]=FALSE;
sumset(i+1, wt, total-a[i+1]);
}
}
}
```