

Find the subarrays with a given sum in an array. Given integer array find the subarray with a given sum in it.

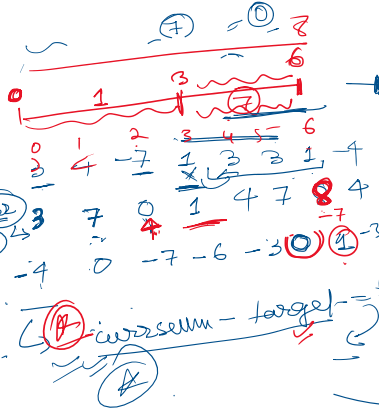
Input :

arr = [3, 4, -7, 1, 3, 3, 1, -4]  
target: 7

Output

[3, 4]  
[3, 4, -7, 1, 3, 3]  
[1, 3, 3]  
[3, 3, 1]

sum = 3 → 3  
3, 4 → 7  
3, 4, -7 → 0  
3, 4, -7, 1 → 1  
3, 4, -7, 1, 3 → 4  
3, 4, -7, 1, 3, 3 → 7  
3, 4, -7, 1, 3, 3, 1 → 8  
3, 4, -7, 1, 3, 3, 1, -4 → 4



```
for (int i = 0; i < n; i++)
{
    int sum = 0;
    for (int j = i; j < n; j++)
    {
        sum += arr[j];
        if (sum == target)
        {
            print;
        }
    }
}
```

```
int sum = 0;
for (int i = 0; i < n; i++)
{
    sum += arr[i];
    if (sum == target)
    {
        print (0 → i);
    }
}
```

```
if (mp.find(sum - target) != mp.end())
{
    int idx = mp[sum];
    print (idx + 1 → i);
}
```

```
mp[sum] = i;
}
```