

sub array with given sum

```
In [73]: def subarraySum(arr, n, sum):  
    for i in range(n):  
        curr_sum= arr[i]  
        j=i+1  
        while j <= n:  
            if curr_sum == sum:  
                print("Sum found between")  
                print("indexes %d and %d " %(i,j-1))  
                return 'exist'  
            if curr_sum > sum or j==n:  
                break  
            curr_sum=curr_sum + arr[j]  
            j += 1  
        print('no subArrray found')  
    return 'not exist'
```

```
In [81]: arr=[1,2,5,4,6,8,7]  
sum=32  
n=len(arr)  
subarraySum(arr,n,sum)
```

Sum found between
indexes 1 and 6

Out[81]: 'exist'

```
In [85]: arr=[12,58,49,15,13,56,7]  
sum=118  
n=len(arr)  
subarraySum(arr,n,sum)
```

no subArrray found

Out[85]: 'not exist'

In []: