QN Link : <https://www.geeksforgeeks.org/problems/subarrays-with-sum-k/1?itm_source=geeksforgeeks&itm_medium=article&itm_campaign=practice_card>

class Solution

{

static int findSubArraySum(int nums[], int n, int k)

{

// code here

Map<Integer , Integer> map = new HashMap<>();

map.put(0 , 1);

int cnt = 0;

int sum = 0;

for(int i= 0 ; i< n; i++){

sum += nums[i];

int req = sum - k;

if(map.containsKey(req)){

cnt+= map.get(req);

}

map.put(sum, map.getOrDefault(sum , 0) + 1);

}

return cnt;

}

}