Day 48

Code : class Solution {

public:

bool checkSubarraySum(vector<int>& nums, int k) {

unordered\_map<int,int>m;

m[0] = -1;

int sum = 0;

for(int i = 0;i < nums.size();i++){

sum += nums[i];

if(k != 0){

sum %= k;

}

if(m.count(sum) > 0){

if(i - m[sum] > 1) return true;

}

else{

m[sum] = i;

}

}

return false;

}

};

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Time complexity – O(n)

Space complexity- O(n)

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A screenshot of a computer

Description automatically generated