## 1. Two Sum

class Solution {

public:

vector<int>twoSum(vector<int>&nums,int target)

{

unordered\_map<int,int>map;

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

{

int num = nums[i];

int remaining = target-num;

if(map.count(remaining))

{

return{map[remaining],i};

}

map[nums[i]]=i;

}

return {};

}

};