**SOLUTION**

class Solution {

public:

Solution(){ ios::sync\_with\_stdio(false); std::cin.tie(nullptr); std::cout.tie(nullptr);}

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

vector<int> ans;

vector<int> v=nums;

sort(nums.begin(),nums.end());

int l=0, r=nums.size()-1;

while(l<r){

if(nums[l]+nums[r]==target){

break;

}

else if(nums[l]+nums[r]>target){

r--;

}

else if(nums[l]+nums[r]<target){

l++;

}

}

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

{

if(v[i]==nums[l]||v[i]==nums[r])

ans.push\_back(i);

}

sort(ans.begin(),ans.end());

return ans;

}

};

**TIME COMPLEXITY: O(N)**

**SPACE COMPLEXITY: O(N)**