**Pair Sum**

#include <bits/stdc++.h>

vector<vector<int>> pairSum(vector<int> &arr, int s){

// Write your code here.

int n = arr.size();

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

vector<vector<int>> ans;

vector<int> pair(2,0);

for(int i=0; i<n-1; i++){

for(int j=i+1; j<n; j++){

if(arr[i]+arr[j]==s)

{

if(arr[i]<=arr[j])

{ pair[0] = arr[i];

pair[1] = arr[j];

}

else{

pair[0] = arr[j];

pair[1] = arr[i];

}

ans.push\_back(pair);

}

}

}

return ans;

}