**ARRAYS-TARGET SUM PAIRS**

Take as input N, the size of array. Take N more inputs and store that in an array. Take as input “target”, a number. Write a function which prints all pairs of numbers which sum to target.

**Input Format:**

The first line contains input N. Next N lines contains the elements of array and (N+1)th line contains target number.

**Constraints:**

Length of the arrays should be between 1 and 1000.

**Output Format**

Print all the pairs of numbers which sum to target. Print each pair in increasing order.

**Sample Input**

5

1

3

4

2

5

5

**Sample Output**

1 and 4

2 and 3

Program-

#include<iostream>

#include<algorithm>

using namespace std;

int main() {

int n;

cin>>n;

int a[n];

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

{

cin>>a[i];

}

int k;

cin>>k;

sort(a,a+n);

int l=0;

int r=n-1;

while(l<r)

{

if(a[l]+a[r]==k)

{

cout<<a[l]<<" "<<"and"<<" "<<a[r]<<endl;

l++;

r--;

}

else if(a[l]+a[r]>k)

{

r--;

}

else if(a[l]+a[r]<k)

{

l++;

}

}

}