**4. C Program to count Number of possible triplet in given array.**

// Example program

#include <iostream>

#include <string>

int main(){

int test\_case,n;

int i,j,l,m,k,count=0,sum=0;

std::cin>>test\_case;

for(i=0;i<test\_case;i++)

{

std::cin>>n;

int arr[n];

for(j=0;j<n;j++)

{

std::cin>>arr[j];

}

for(l=0;l<n;l++)

{

for(m=l+1;m<n;m++)

{

sum=arr[l]+arr[m];

for(k=0;k<n;k++)

{

if(sum==arr[k])

{

count=count+1;

}

}

sum=0;

}

}

if(count==0)

{

std::cout<<-1<<"\n";

}

else

{

std::cout<<count<<"\n";

count=0;

}

}

}

OUTPUT :

