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

// Example program

#include <stdio.h>

#include <string.h>

int main()

{

int t,n;

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

scanf("%d",&t);

for(i=0;i<t;i++)

{

scanf("%d",&n);

int arr[n];

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

{

scanf("%d",&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)

{

printf("-1\n");

}

else

{

printf("%d\n",count);

count=0;

}

}

}

OUTPUT :

