**ORDER OF n3- Time complexity**

#include <iostream>

using namespace std;

int main()

{

int n,i,j,k,sum=0,max=0;

int left=-1,right=-1;

cin>>n;

int \*a=new int[n];

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

{

cin>>a[i];

}

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

{

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

{

sum=0;

for(k=i;k<=j;k++)

{

sum+=a[k];

}

if(max<sum)

{

max=sum;

left=i;

right=j;

}

}

}

cout<<”Maximum sum is”<<max<<endl;

cout<<”Array with maximum sum is:”;

for(k=left;k<=right;k++)

{

cout<<a[k]<<” “;

}

}

Input-

9

-4 1 3 -2 16 2 -8 -9 4

Output-

1 3 -2 16 2

20