Actual answer:-

import java.util.\*;

import java.lang.Math;

public class Main

{

public static void main(String args[])

{

Scanner in=new Scanner(System.in);

System.out.print("Enter number of elements in array:");

int N=in.nextInt();

int array1[]=new int[N];

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

{

System.out.print("Enter elements in array:");

array1[i]=in.nextInt();

}

//Bubble sort- smallest to largest

int temp;

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

{

for(int j=0;j<N-1-i;j++)

{

if(array1[j]>array1[j+1])

{

//swapping using third variable

temp=array1[j];

array1[j]=array1[j+1];

array1[j+1]=temp;

}

}

}

int M=in.nextInt();

int sum1=0;

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

{

sum1=sum1+array1[i];

}

System.out.print("sum1:"+sum1);

int L=N-M;

int sum2=0;

for(int i=N-1;i>M-1;i--)

{

sum2=sum2+array1[i];

}

System.out.print("sum2:"+sum2);

int difference1=Math.abs(sum2-sum1);

System.out.println("difference1:"+difference1);

int sum3=0;

for(int i=N-1;i>=L;i--)

{

sum3=sum3+array1[i];

}

System.out.print("sum3:"+sum3);

int sum4=0;

//for(int i=N-1;i>L-2;i--)

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

{

sum4=sum4+array1[i];

}

System.out.print("sum4:"+sum4);

int difference2=Math.abs(sum3-sum4);

System.out.println("difference2:"+difference2);

int result=0;

if(difference1>difference2)

{

result=difference1;

}

else

{

result=difference2;

}

System.out.print("Maxdifference:"+result);

}

}

import java.util.\*;

public class Main

{

public static void main(String args[])

{

Scanner in=new Scanner(System.in);

System.out.print("Enter number of elements in array:");

int N=in.nextInt();

int array1[]=new int[N];

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

{

System.out.print("Enter elements in array:");

array1[i]=in.nextInt();

}

//int k;

//System.out.print("Enter value of k:");

//k=in.nextInt();

//int ksmallest,klargest;

//Bubble sort- smallest to largest

int temp;

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

{

for(int j=0;j<N-1-i;j++)

{

if(array1[j]>array1[j+1])

{

//swapping using third variable

temp=array1[j];

array1[j]=array1[j+1];

array1[j+1]=temp;

}

}

}

int M=in.nextInt();

int sum1=0;

//int array2[]=new int[M];

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

{

//System.out.print("Enter elements in array:");

//array2[i]=array1[i];

sum1=sum1+array1[i];

}

System.out.print("sum1:"+sum1);

int L=N-M;

//int array2[]=new int[L];

int sum2=0;

//for(int i=N-1;i>L-2;i--)

for(int i=N-1;i>M-1;i--)

{

//System.out.print("Enter elements in array:");

//array2[i]=array1[i];

sum2=sum2+array1[i];

}

System.out.print("sum2:"+sum2);

int difference=sum2-sum1;

//ksmallest=array[k-1];

//klargest=array[n-k];

//System.out.println("K'th smallest element in array is: "+ksmallest);

//System.out.println("K'th largest element in array is: "+klargest);

System.out.println(difference);

}

}