the Mth maximum number and Nth minimum number in an array and then find the sum of it and difference of it.

```cpp
#include<iostream>
using namespace std;

int main()
{
  int arr[5],max,min,i;
  cout<<"Enter elements of array: ";
  for(i=0;i<5;i++)
  cin>>arr[i];

  cout<<"Your array is: ";
  for(i=0;i<5;i++)
  cout<<arr[i]<<"  ";

  max=arr[0];
  min=arr[0];
  for(i=0;i<5;i++)
  if(max<arr[i])
   max=arr[i];
  else if(min>arr[i])
   min=arr[i];

  cout<<"\nMaximum element of Array: "<<max;
  cout<<"\nMinimum element of Array: "<<min;

 cout<<"\nsum of max and min="<<max+min;
 cout<<"\nsub of max and min="<<max-min;
  return 0;
}
```
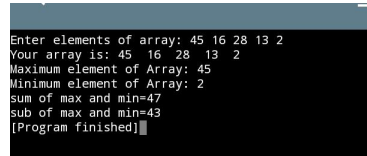
```
Enter elements of array: 45 16 28 13 2
Your array is: 45  16  28  13  2
Maximum element of Array: 45
Minimum element of Array: 2
sum of max and min=47
sub of max and min=43
[Program finished]
```