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#include <iostream>
using namespace std;
int FindMax(int a[],int n) //function to find largest element
{
    int i, max;
    max = a[0]; //assume that first element is max
    for(i=1;i<n;i++)
    {
        if(a[i]>max) //if currentelement is greater than max
            max =a[i]; //assign that number as max now
    }
    return max; //returns the largest number to main function
}

int FindMin(int a[],int n) //function to find smallest element
{
    int i, min;
    min = a[0]; // assuming first element as minimum
    for(i=1;i<n;i++)
    {
        if(a[i]<min) // If current element is smaller than min
            min =a[i]; //assigning the smaller number to min
    }
    return min; //returns the smallest number to main function
}

int main()
{
    int i, array[50], size, max, min;

    cout<<"Input number of elements in array\n";
    cin>>size;

    cout<<"Enter "<< size << " integers\n";
    for(i=0;i<size;i++)
        cin>>array[i];

    max = FindMax(array,size); //calls the max function
    min = FindMin(array,size); //calls the min function
}

```

```
// Print maximum and minimum element
cout<<"Maximum element in the array is:" << max << "\n";
cout<<"Minimum element in the array is:" << min << "\n";

return 0;
}
```