1-

```cpp
#include <bits/stdc++.h>
using namespace std;
int main(){
int n;
cout<<"number of elements for array: ";
cin>>n;
int arr[n];
cout<<"elements: ";
for(int i=0;i<n;i++){
cin>>arr[i];}
cout<<"the most repeated element is"<<" ";
for(int i=0;i<n;i++){
bool repetation=false;
for(int j=0;j<i;j++){
if(arr[i]==arr[j]){
repetation=true;
break; }}
 if(!repetation){
 for(int j=i+1;j<n;j++){
 if(arr[i]==arr[j]){
 cout<<arr[i]<<" ";
 break;}}}}
return 0;

}
```

```
/tmp/avoBn4maxX.o
number of elements for array: 4
elements: 2
2
2
8
the most repeated element is 2
```

2-

```cpp
#include <bits/stdc++.h>
using namespace std;
int main(){
 int arr[8]={13,15,17,9,99,77,65,43},max=0;
 int i,temp=0;
 for(i=1;i<8;i++){
 if(arr[max]<arr[i]){
 temp=arr[max];
 arr[max]=arr[i];
 arr[i]=temp;
 }
 }
 int j,min=7,temp2=0;
 for( j=1;j<8;j++){
 if(arr[min]>arr[j]){
 temp2=arr[min];
 arr[min]=arr[j];
 arr[j]=temp2;
 }
 }
 cout<<"Max number is "<<arr[max]<<endl;
 cout<<"Min number is "<<arr[min];
 return 0;}
```

```
/tmp/avoBn4maxX.o
Max number is 99
Min number is 9
```

3-

```cpp
#include <bits/stdc++.h>
using namespace std;
int main(){
 int arr[5];
 for(int i=0;i<5;i++){
 cout<<"Enter integer "<<i+1<<" : ";
 cin>>arr[i];
 cout<<endl;
 }

 int temp=0;
 temp=arr[3];
 arr[3]=arr[1];
 arr[1]=temp;
 cout<<"Result: ";
 for(int j=0;j<5;j++){
 cout<<arr[j];
 }
 return 0;}
```

```
/tmp/avoBn4maxX.o
Enter integer 1 : 8
Enter integer 2 : 7
Enter integer 3 : 5
Enter integer 4 : 6
Enter integer 5 : 1
Result: 86571
```