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CLASS	ME-15
SECTION	C
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Home Task

Q.No:01

```
#include<iostream>

using namespace std;

int main()
{
    int n;
    cout<<"Enter the number of elements : ";
    cin>>n;
```

```

int arr[n];

for(int i=0; i<n; i++)
{
    cin>>arr[i];

}

int count =0;
cout<<"Repeating elements are : ";
for(int i=0; i<n; i++)
{
    for(int j=i+1; j<n; j++)
        if(arr[i]==arr[j])
        {
            cout<<arr[j]<<" ";

        }

}

return 0;    }

```

Q.No: 02

```

#include<iostream>
using namespace std;
int main()
{
    int i,min,max,size=8;
    int arr[8] = {13,15,17,9,99,77,65,43};
    min = arr[0];
    max = arr[0];
    for(i=1; i<size; i++)
    {

```

```

        if(arr[i] < min)
        {
            min = arr[i];
        }
        if(arr[i] > max){
            max = arr[i];
        }

    }

    cout<<"The smallest element is = "<<min<<endl;
    cout<<"The largest element is = "<<max<<endl;
    return 0;
}

```

Q.No:03

```

#include <iostream>
using namespace std;
int main() {
    int array[5];
    for (int i = 0; i < 5; ++i) {
        cout << "Enter element at position " << i << ": ";
        cin >> array[i];
    }
    cout << "Original Array: ";
    for (int i = 0; i < 5; ++i) {
        cout << array[i] << " ";
    }
    cout << endl;
}

```

```
int temp = array[2];  
array[2] = array[4];  
array[4] = temp;  
cout << "Array after swapping [2] and [4]: ";  
for (int i = 0; i < 5; ++i) {  
    cout << array[i] << " ";  
}  
}
```