

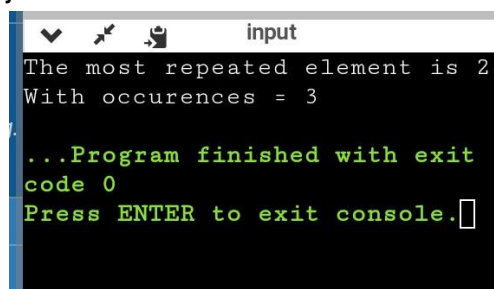
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**Sec:B**

### Task#01

```
#include<iostream>
using namespace std;
int main()
{
    // Task # 1
    int arr[6] = {2,3,4,2,6,2};
    int MRE = arr[0];
    int max = 1;
    for (int i = 0; i < 6; i++)
    {
        int occurrences = 1;
        for (int j = i + 1; j < 6; j++)
        {
            if (arr[i] == arr[j])
            {
                occurrences++;
            }
        }
        if (occurrences > max)
        {
            max = occurrences;
            MRE = arr[i];
        }
    }
    cout << "The most repeated element is " << MRE << endl;
    cout << "With occurrences = " << max;
    return 0;
}
```



```
input
The most repeated element is 2
With occurrences = 3
...Program finished with exit
code 0
Press ENTER to exit console.
```

### Task#02

```
#include<bits/stdc++.h>
```

```
using namespace std;
```

```
int main(){
```

```
int size;
```

```

cout<<"enter your desired number of elements of array "<<endl;

cin>>size;

int arr[size],min=0,max=0;

cout<<"enter the desired values in the array "<<endl;

for( int i=0;i<size;i++){

    cin>>arr[i];

}

for(int i=0;i<size;i++){

    if(arr[i]<arr[min]){

        min=i;

    }

}

for(int i=0;i<size;i++){

    if(arr[i]>arr[max]){

        max=i;

    }

}

cout<<"the smallest and largest ineteger in the array are "<<arr[min]<<" & "<<arr[max]<<"
respectively"<<endl;

return 0;

}

```

```
input
enter your desired number of e
lements of array
5
enter the desired values in th
e array
5
89
57
006
67
the smallest and largest inete
ger in the array are 5 & 89 re
spectively

...Program finished with exit
code 0
Press ENTER to exit console.
```

### Task#03

```
#include <iostream>
```

```
using namespace std;
```

```
int main()
{ int temp;
  int a[5];
  cout<<"enter any five element in array : ";
  for(int i=0;i<5;i++){
    cin>>a[i];
  }
  temp=a[1];
  a[1]=a[3];
  a[3]=temp;
  for(int i=0;i<5;i++)
  cout<<a[i]<<" ";
  return 0;
}
```

```
input
enter any five element in arra
y : 9
8
7
3
2
9 3 7 8 2

...Program finished with exit
code 0
Press ENTER to exit console.
```