

Fop

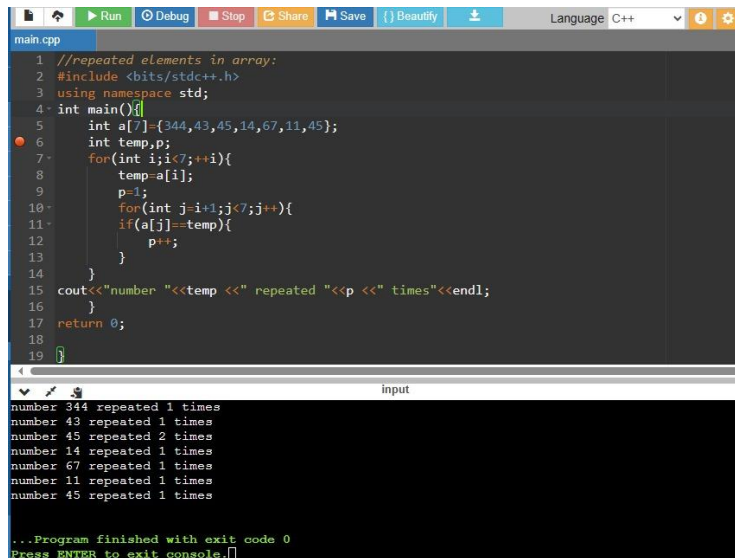
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Sec:B

Home task# 08

Task#01



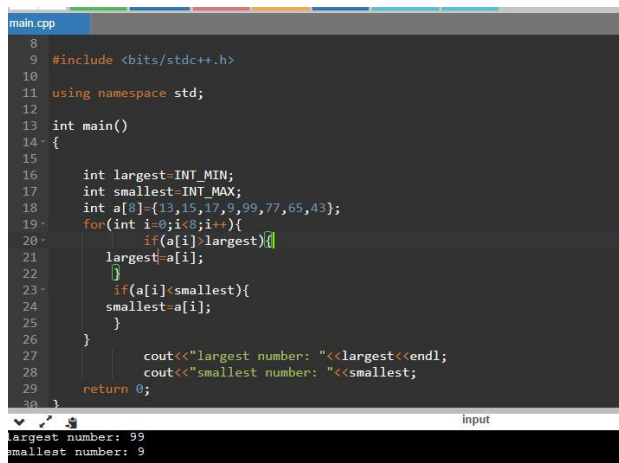
```
1 //repeated elements in array:
2 #include <bits/stdc++.h>
3 using namespace std;
4 int main()
5 {
6     int a[7]={344,43,45,14,67,11,45};
7     int temp,p;
8     for(int i;i<7;++i){
9         temp=a[i];
10        p=1;
11        for(int j=i+1;j<7;j++){
12            if(a[j]==temp){
13                p++;
14            }
15        }
16        cout<<"number "<<temp <<" repeated "<<p <<" times"<<endl;
17    }
18    return 0;
19 }
```

input

```
number 344 repeated 1 times
number 43 repeated 1 times
number 45 repeated 2 times
number 14 repeated 1 times
number 67 repeated 1 times
number 11 repeated 1 times
number 45 repeated 1 times

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

Task#02



```
8
9 #include <bits/stdc++.h>
10
11 using namespace std;
12
13 int main()
14 {
15     int largest=INT_MIN;
16     int smallest=INT_MAX;
17     int a[8]={13,15,17,9,99,77,65,43};
18     for(int i=0;i<8;i++){
19         if(a[i]>largest){
20             largest=a[i];
21         }
22         if(a[i]<smallest){
23             smallest=a[i];
24         }
25     }
26     cout<<"largest number: "<<largest<<endl;
27     cout<<"smallest number: "<<smallest;
28     return 0;
29 }
```

input

```
largest number: 99
smallest number: 9
```

Taak#03

//change swap 2nd to 4th position in array:

#include <iostream>

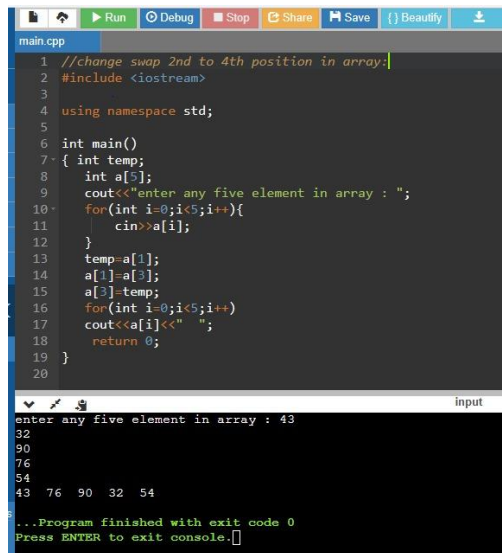
using namespace std;

```
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;
}

```



The screenshot shows a C++ IDE with a file named 'main.cpp'. The code is as follows:

```

1 //change swap 2nd to 4th position in array;
2 #include <iostream>
3
4 using namespace std;
5
6 int main()
7 {
8     int temp;
9     int a[5];
10    cout<<"enter any five element in array : ";
11    for(int i=0;i<5;i++){
12        cin>>a[i];
13    }
14    temp=a[1];
15    a[1]=a[3];
16    a[3]=temp;
17    for(int i=0;i<5;i++)
18        cout<<a[i]<<" ";
19    return 0;
20 }

```

The output window shows the following execution:

```

enter any five element in array : 43
32
90
76
54
43 76 90 32 54
...Program finished with exit code 0
Press ENTER to exit console.

```

The End