Qno 1

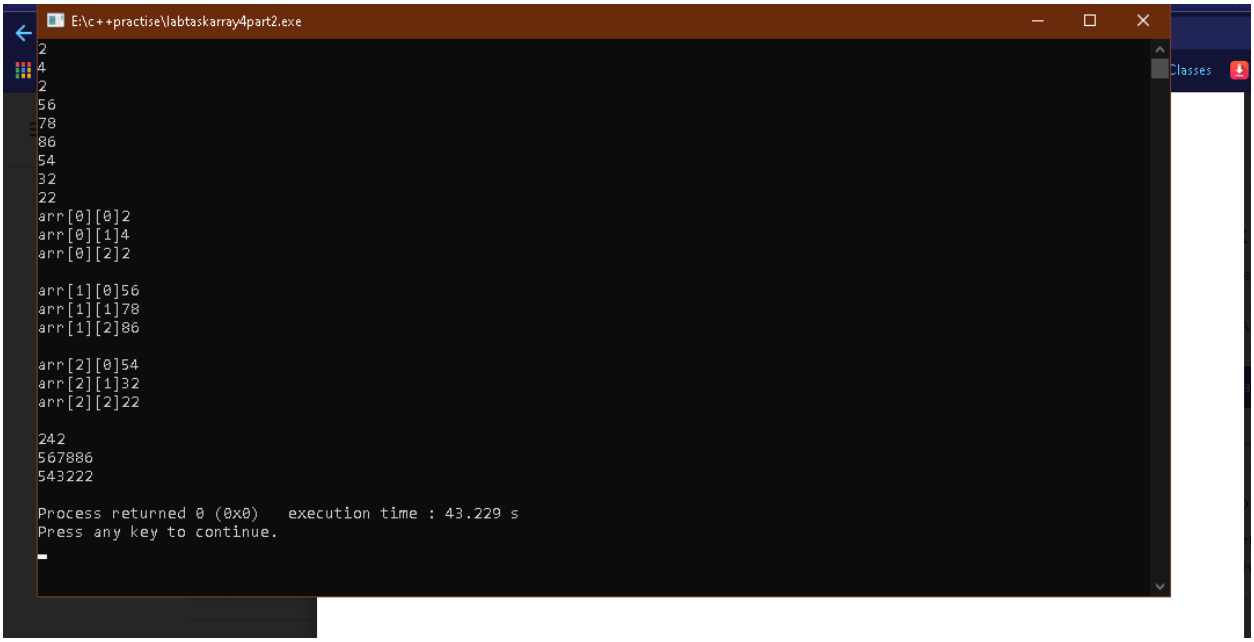
```cpp
#include<iostream>
using namespace std;

int main(){
//here is im using first method of intializing
    int array[3][3];
    array[0][0]=70;
    array[0][1]=80;
    array[0][2]=90;
    array[1][0]=10;
    array[1][1]=70;
    array[1][2]=30;
    array[2][0]=95;
    array[2][1]=77;
    array[2][2]=76;

    cout<<"1st method of array representation"<<endl;

    for (int row=0; row<3; row++  ){
        for (int col=0; col<3; col++) {

            cout<<array[row][col];

        }
        cout<<endl;
    }
```

```cpp
int work[3][3]={{30,40,50},{70,80,10},{12,45,67}};
cout<<"2nd method of array intilizing"<<endl;
//access rows
for (int i=0; i<3; i++){
    //access column
    for(int j=0; j<3; j++ ){
        cout<<work[i][j];
    }
    cout<<endl;
}
return 0;


}
```

```
1st method of array representation
708090
107030
957776
2nd method of array intilizing
304050
708010
124567

Process returned 0 (0x0)   execution time : 0.051 s
Press any key to continue.
```

Qno2

```cpp
#include<iostream>
using namespace std;
int main(){
int arr[3][3];  //here is our representation
//first loop for input value from user
for (int i=0; i<3; i++){
    for (int j=0; j<3; j++){
        cin>>arr[i][j];

    }
}
//our first output with indexing
for (int r=0; r<3; r++){
    for (int c=0; c<3; c++){
        cout<<"arr["<<r<<"]["<<c<<"]"<<arr[r][c]<<endl;
    }
cout<<endl;
}
//here is our final output
for (int r=0; r<3; r++){
    for (int c=0; c<3; c++){
        cout<<arr[r][c];
    }
cout<<endl;
}
return 0;

}
```


E:\c++practise\labtaskarray4part2.exe
2
4
2
56
78
86
54
32
22
arr[0][0]2
arr[0][1]4
arr[0][2]2
arr[1][0]56
arr[1][1]78
arr[1][2]86
arr[2][0]54
arr[2][1]32
arr[2][2]22
242
567886
543222
Process returned 0 (0x0) execution time : 43.229 s
Press any key to continue.
Classes