

LAB TASK 8

LAB MANUAL 8

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LAB TASK 1:

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

using namespace std;

int main()
{
    int size,sum=0;
    cout<<"enter the size of array"<<endl;
    cin>>size;
    int pass[size];
    for(int i=0;i<size;i++){
        cin>>pass[i];
    }
    for(int i=0;i<size;i++){
        sum+=pass[i];
    }
    cout<<"average is"<<sum/size;
    return 0;
}
```

```
"L:\LAB MNUAL 8\bin\Debug\LAB MNUAL 8.exe"
enter the size of array
5
12
34
23
24
23
average is23
Process returned 0 (0x0)   execution time : 6.730 s
Press any key to continue.
```

LAB TASK 2:

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

```
using namespace std;
```

```
int main()
```

```
{
```

```
int temp;
```

```
int arr[5]={3,5,2,90,78};
```

```
for(int i=0;i<4;i++){
```

```
    for(int j=0;j<4;j++){
```

```
        if(arr[j]>arr[i]){
```

```
            temp=arr[j];
```

```
            arr[j]=arr[j+1];
```

```
            arr[j+1]=temp;
```

```
        }
```

```
    }
```

```
}
```

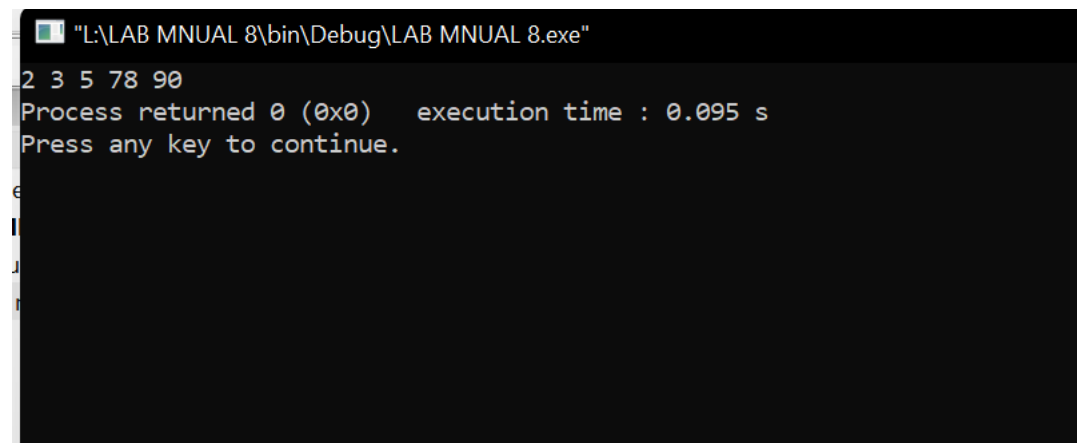
```
for(int i; i<5;i++){
```

```
    cout<<arr[i]<<" ";
```

```
}
```

```
return 0;
```

```
}
```



```
"L:\LAB MNUAL 8\bin\Debug\LAB MNUAL 8.exe"
2 3 5 78 90
Process returned 0 (0x0)   execution time : 0.095 s
Press any key to continue.
```

LAB TASK 3:

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

```
using namespace std;
```

```
int main()
```

```
{
```

```
int temp,size=4;
```

```
int arr[size]={34,54,23,12,},min=0;
```

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

```
    min=arr[i];
```

```
    for(int j=i;j<size;j++){
```

```
        if(min>arr[j]){
```

```
            min=arr[j];
```

```
            arr[j]=arr[i];
```

```
            arr[i]=min;
```

```
        }
```

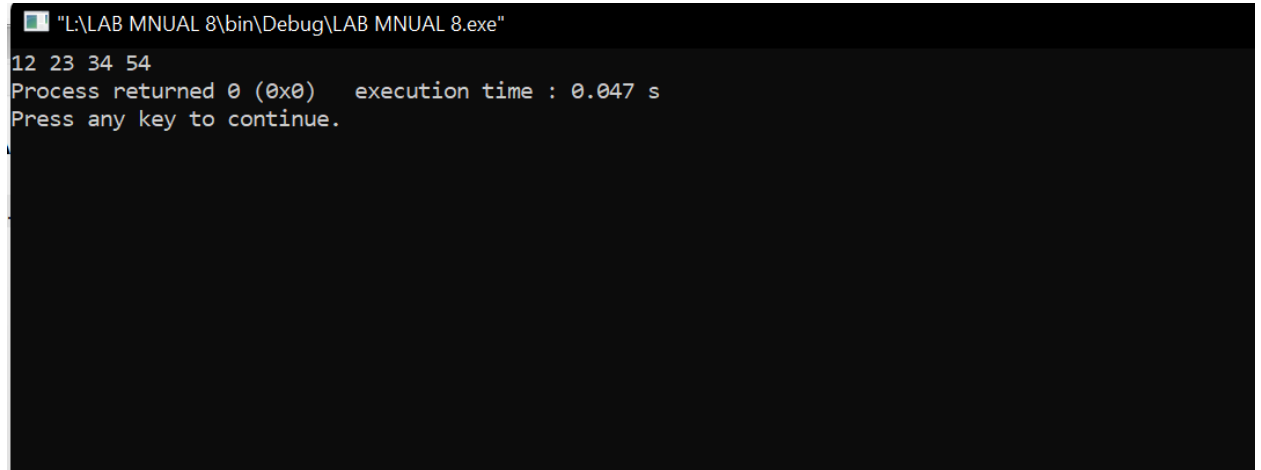
```
    }
```

```
    cout<<arr[i]<<" ";
```

```
}
```

```
return 0;
```

```
}
```



The screenshot shows a Windows command prompt window with a title bar that reads "L:\LAB MNUAL 8\bin\Debug\LAB MNUAL 8.exe". The window has a black background with white text. The text displayed is: "12 23 34 54", "Process returned 0 (0x0) execution time : 0.047 s", and "Press any key to continue.".

```
"L:\LAB MNUAL 8\bin\Debug\LAB MNUAL 8.exe"  
12 23 34 54  
Process returned 0 (0x0) execution time : 0.047 s  
Press any key to continue.
```