LAB TASK 8

LAB MANUAL 8

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LAB TASK 1:

```cpp
#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:

```cpp
#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]<<" ";
}
```
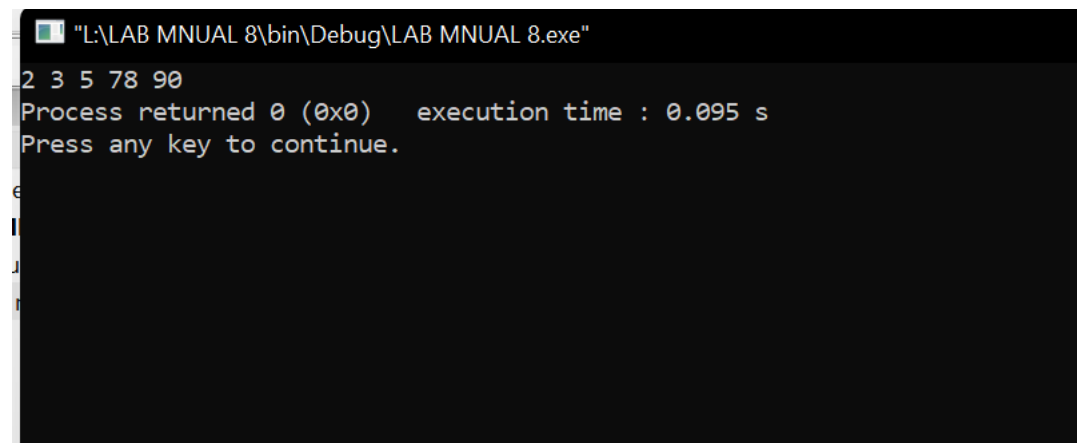
```
return 0;

}
```

LAB TASK 3:

```cpp
#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]<<" ";

}
```
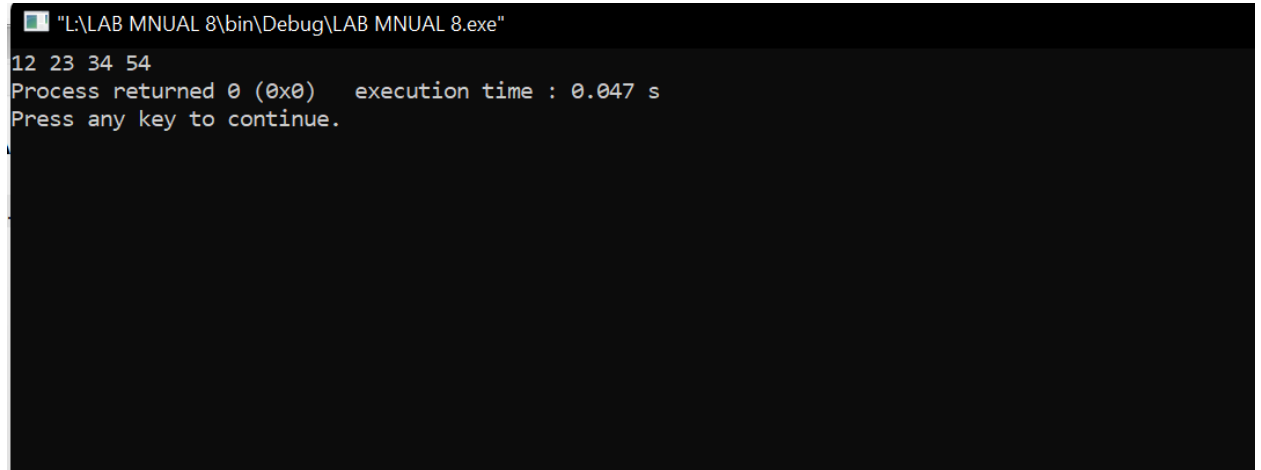
return 0;

}

```
"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.
```