

The image shows two instances of the Dev-C++ IDE running side-by-side on a Windows desktop. Both instances have the title bar "C:\Users\ESHOP\Desktop\lab09\lab9\_task1.cpp - [Executing] - Dev-C++ 5.11".

**Top Window (Left):**

- Code:**

```
1 #include <iostream>
2 using namespace std;
3 int main(){
4     string names[] = {"Shahzaib", "Awais", "Ibrar", "Muzammil", "Qayoom"};
5
6     for (int i=0;i<4;i++) {
7         cout<<names[i]<<endl;
8     }
9
10
11
12
13     return 0;
14 }
```
- Output Window:**

```
C:\Users\ESHOP\Desktop\lab09\lab9_task1.exe
Shahzaib
Awais
Ibrar
Muzammil
Qayoom

Process exited after 0.1391 seconds with return value 0
Press any key to continue . . .
```
- Compiler Tab:**

Compilation results...

  - Errors: 0
  - Warnings: 0
  - Output Filenam: C:\Users\ESHOP\Desktop\lab09\lab9\_task1.exe
  - Output Size: 1.83559799194336 MiB
  - Compilation Time: 0.73s

**Bottom Window (Right):**

- Code:**

```
1 #include <iostream>
2 using namespace std;
3 int main(){
4     int num[20];
5
6     cout<<"Enter 20 numbers:"<< endl;
7     for(int i=0; i<20; i++) {
8         cin>>num[i];
9     }
10
11     cout<<"Even numbers are:"<< endl;
12     for(int i = 0; i < 20; i++) {
13         if(num[i]&2 == 0) {
14             cout<<num[i]<<endl;
15         }
16     }
17     return 0;
18 }
```
- Output Window:**

```
C:\Users\ESHOP\Desktop\lab09\lab9_task2.cpp - [Executing] - Dev-C++ 5.11
334 31°C Clear 2:02 PM 11/3/2024
C:\Users\ESHOP\Desktop\lab09\lab9_task2.exe

Process exited after 0.1391 seconds with return value 0
Press any key to continue . . .
```
- Compiler Tab:**

Compilation results...

  - Errors: 0
  - Warnings: 0
  - Output Filenam: C:\Users\ESHOP\Desktop\lab09\lab9\_task2.exe
  - Output Size: 1.83260917663574 MiB
  - Compilation Time: 0.67s

```
C:\Users\ESHOP\Desktop\lab09\lab09_task2.exe
Enter 20 numbers:
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
Even numbers are:
2
4
6
8
10
12
14
16
18
20

-----
Process exited after 1.823 seconds with return value 0
Press any key to continue . . .
```

The screenshot shows the Dev-C++ IDE interface. The code editor displays a file named lab09\_task3.cpp with the following content:

```
#include <iostream>
using namespace std;
int main() {
    int sum= 0;
    for(int i=0; i<99; i++) {
        if(i% 5==0) {
            cout<<i<<endl;
            sum+= i;
        }
    }
    cout<<sum;
    return 0;
}
```

The output window shows the execution results:

```
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
950
-----
Process exited after 0.1891 seconds with return value 0
Press any key to continue . . .
```

The status bar at the bottom indicates the current time is 3:44 PM on 11/3/2024.

C:\Users\ESHOP\Desktop\lab09\lab09\_task4.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

Project Classes Debug lab09\_task1.cpp lab09\_task2.cpp lab09\_task3.cpp lab09\_task4.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main() {
4     int array1[10],array2[10];
5     for(int i=0; i<10; i++){
6         cin>>array1[i];
7     }
8     cout<<endl;
9     for(int i=0; i<10; i++){
10        array2[i]=array1[9-i];
11        cout<<array2[i]<<endl;
12    }
13 }
14
15
16
17 return 0;
18 }
```

11  
22  
33  
44  
55  
66  
77  
88  
99  
100  
110  
99  
88  
77  
66  
55  
44  
33  
22  
11

-----  
Process exited after 29.28 seconds with return value 0  
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation  
Shorten compiler paths

Compilation results...  
-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\ESHOP\Desktop\lab09\lab09\_task4.exe  
- Output Size: 1.83208656311035 MiB  
- Compilation Time: 0.72s

Line: 17 Col: 10 Sel: 0 Lines: 19 Length: 248 Insert Done parsing in 0.016 seconds

2:28 36°C Sunny 4:22 PM 11/3/2024