

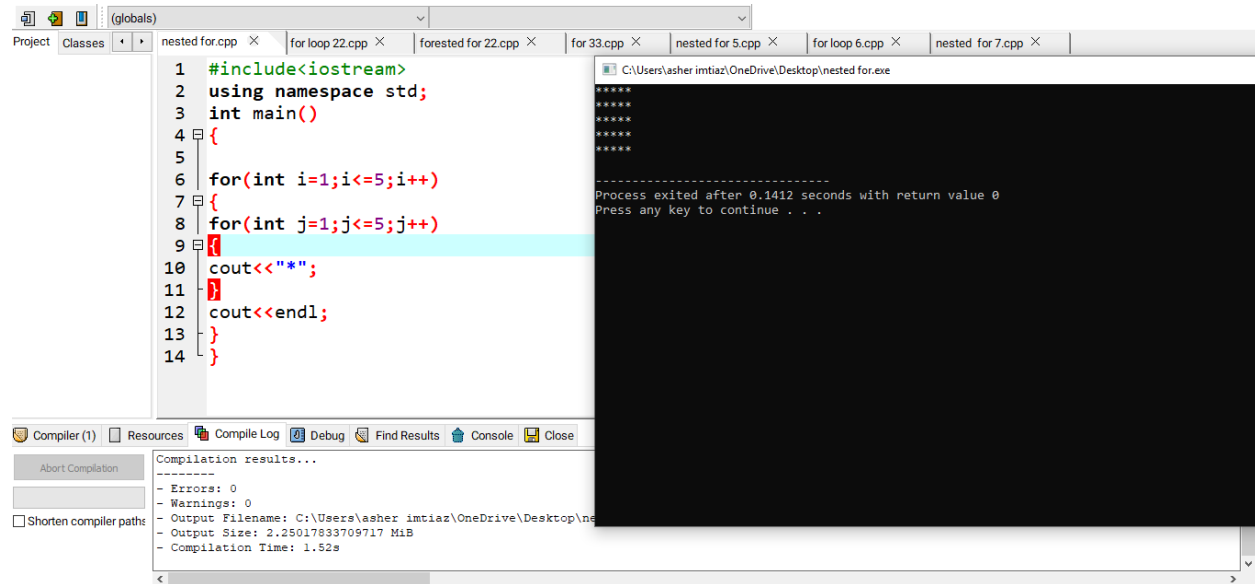
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SUBJECT: PROGRAMMING FUNDAMENTALS

COURSE: CYBER SECURITY

1.



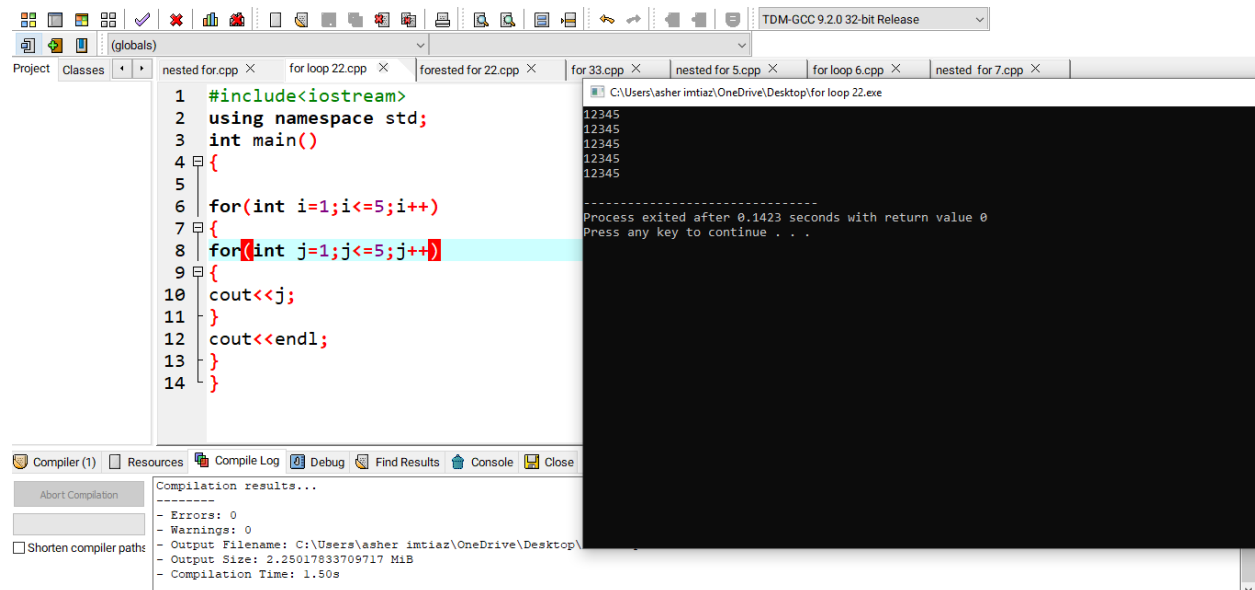
```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5
6     for(int i=1;i<=5;i++)
7     {
8         for(int j=1;j<=5;j++)
9         {
10            cout<<"*";
11        }
12        cout<<endl;
13    }
14 }
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\asher imtiaz\OneDrive\Desktop\nested for.exe
- Output Size: 2.25017833709717 MiB
- Compilation Time: 1.52s

Process exited after 0.1412 seconds with return value 0  
Press any key to continue . . .

2.



```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5
6     for(int i=1;i<=5;i++)
7     {
8         for(int j=1;j<=5;j++)
9         {
10            cout<<j;
11        }
12        cout<<endl;
13    }
14 }
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\asher imtiaz\OneDrive\Desktop\for loop 22.exe
- Output Size: 2.25017833709717 MiB
- Compilation Time: 1.50s

Process exited after 0.1423 seconds with return value 0  
Press any key to continue . . .

3.

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     for(char i='a';i<='e';i++)
6     {
7         for(char j='a';j<='e';j++)
8         {
9             cout<<j;
10         }
11         cout<<endl;
12     }
13 }
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\asher imtiaz\OneDrive\Desktop\forested for 22.exe
- Output Size: 2.2501974105835 MiB
- Compilation Time: 1.45s

Process exited after 0.164 seconds with return value 0  
Press any key to continue . . .

4.

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5
6     for(int i=1;i<=5;i++)
7     {
8         for(int j=1;j<=i;j++)
9         {
10             cout<<"*";
11         }
12         cout<<endl;
13     }
14 }
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\asher imtiaz\OneDrive\Desktop\forested for 33.exe
- Output Size: 2.25017833709717 MiB
- Compilation Time: 1.42s

Process exited after 0.1324 seconds with return value 0  
Press any key to continue . . .

5.

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5
6     for(int i=1;i<=5;i++)
7     {
8         for(int j=1;j<=i;j++)
9         {
10            cout<<j;
11        }
12        cout<<endl;
13    }
14 }
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\asher imtiaz\OneDrive\Desktop\nested for 5.exe
- Output Size: 2.25017833709717 MiB
- Compilation Time: 1.70s

6.

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5
6     for(int i=1;i<=5;i++)
7     {
8         for(int j=1;j<=i;j++)
9         {
10            cout<<"1";
11        }
12        cout<<endl;
13    }
14 }
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\asher imtiaz\OneDrive\Desktop\fo
- Output Size: 2.25017833709717 MiB
- Compilation Time: 1.44s

7.

