

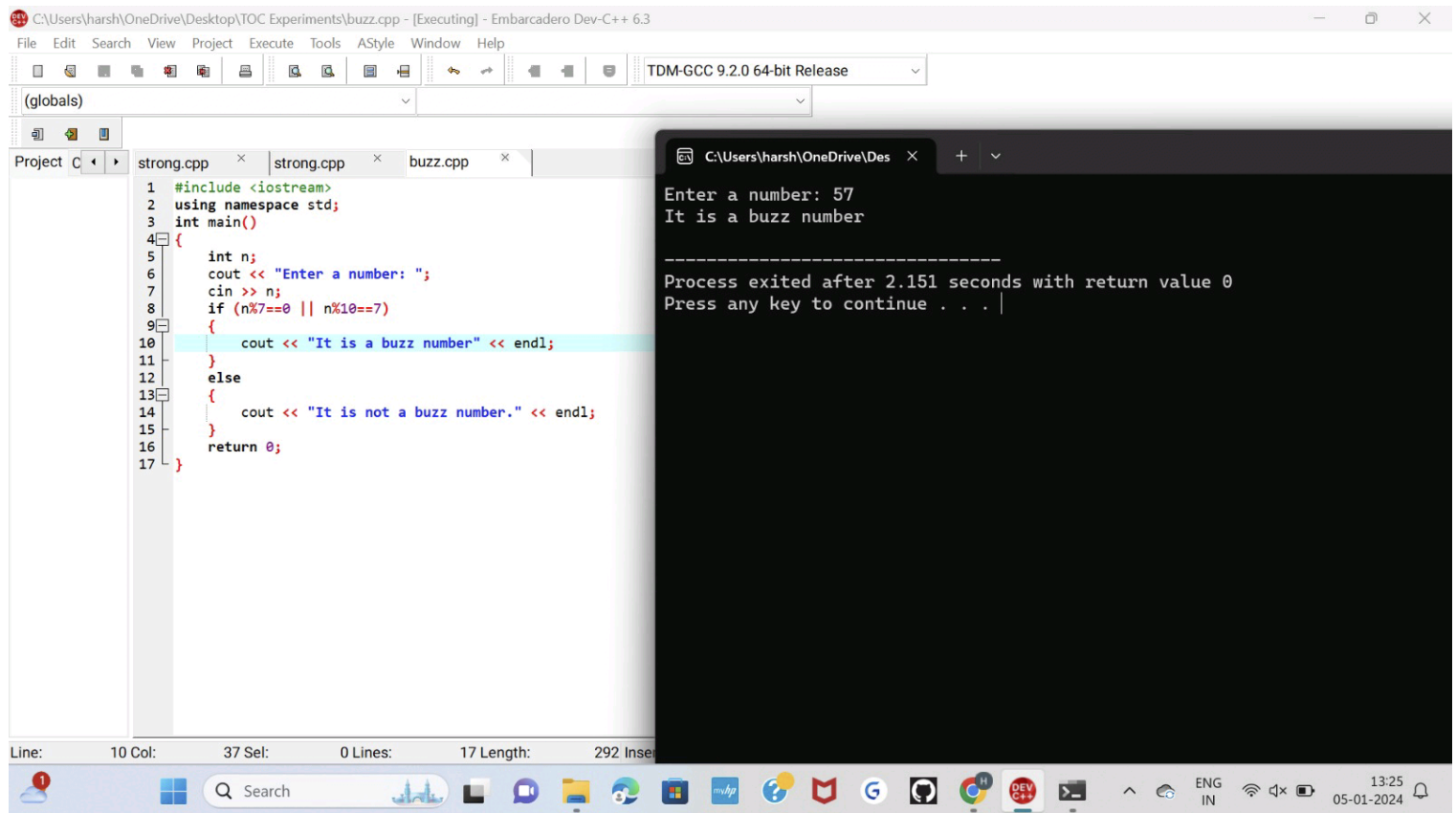
Project C strong.cpp strong.cpp buzz.cpp neon.cpp abundant.cpp

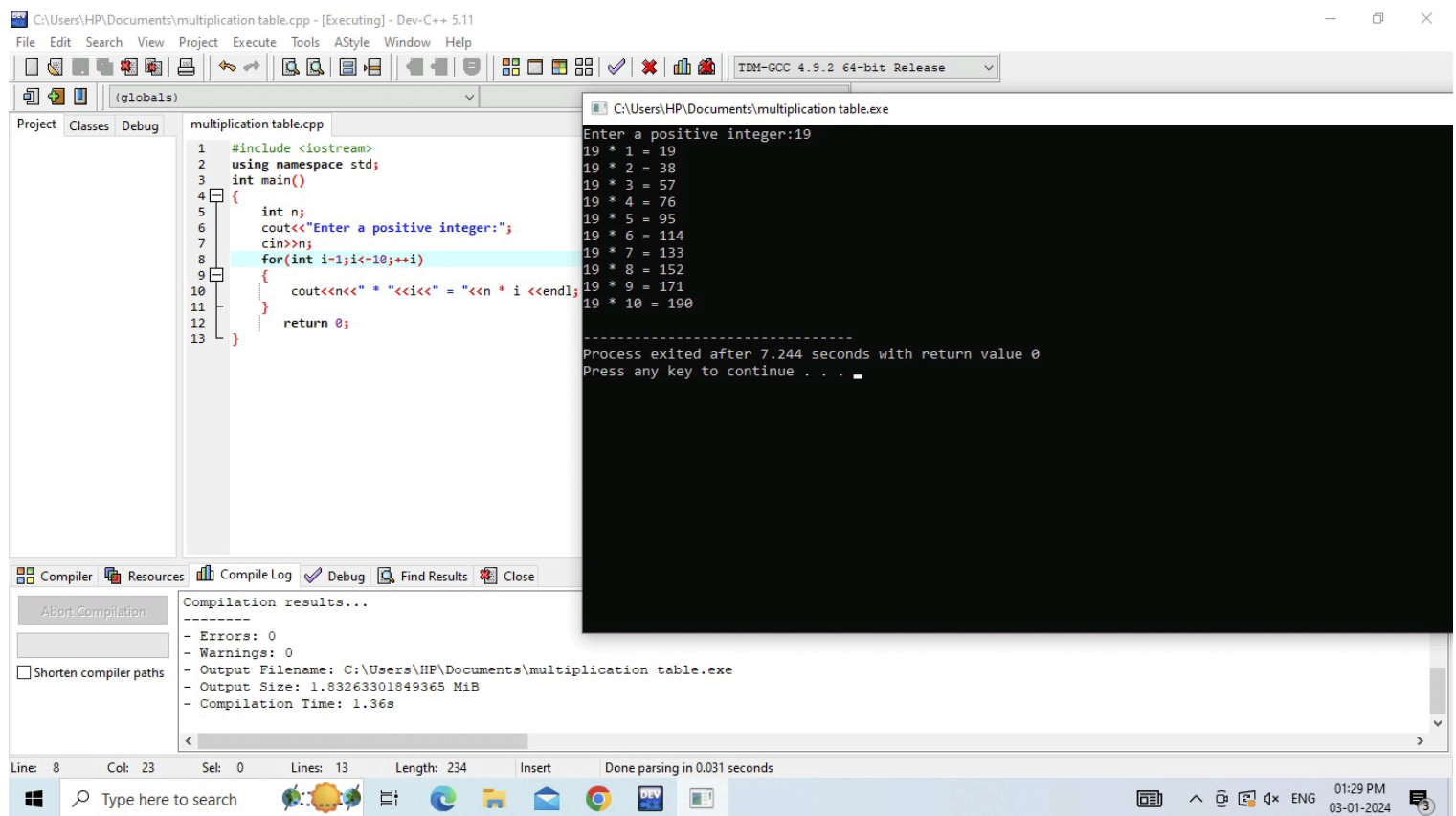
```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int n;
6     cout << "Enter a number: ";
7     cin >> n;
8     int sum= 0;
9     for (int i=1;i<n;i++)
10    {
11        if (n%i==0)
12        {
13            sum+=i;
14        }
15    }
16    if (sum>n)
17    {
18        cout << "It is an abundant number" << endl;
19    }
20    else
21    {
22        cout << "It is not an abundant number." << endl;
23    }
24    return 0;
25 }
26
```

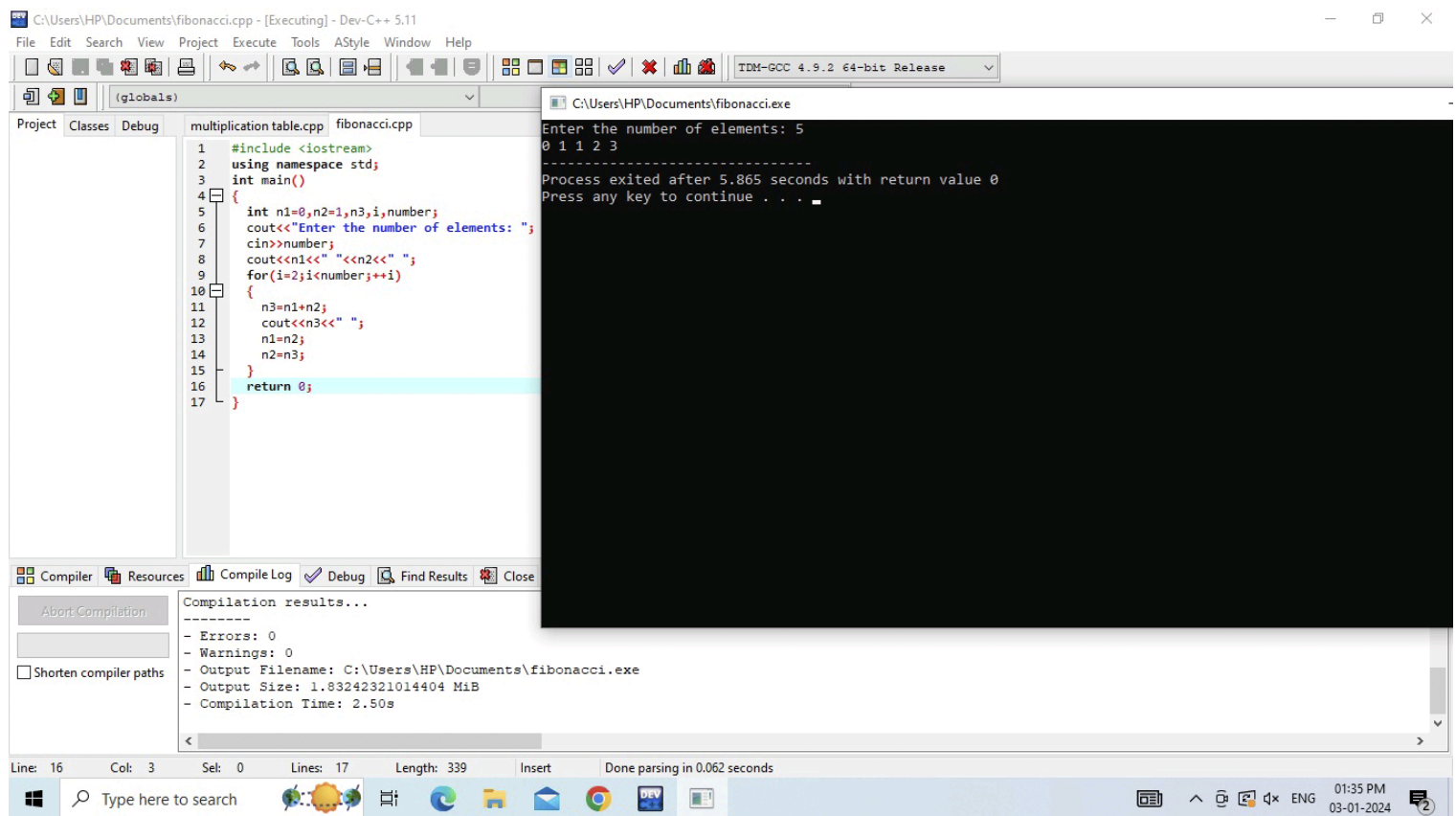
C:\Users\harsh\OneDrive\Des

Enter a number: 24  
It is an abundant number  
  
-----  
Process exited after 2.038 seconds with return value 0  
Press any key to continue . . .

Line: 22 Col: 22 Sel: 0 Lines: 26 Length: 406 Insert Press Ctrl+F11 to toggle fullscreen or Ctrl+F12 to toggle toolbars







C:\Users\HP\Documents\prime number.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

Compiler Resources Compile Log Debug Find Results Close

Project Classes Debug multiplication table.cpp fibonacci.cpp prime number.cpp

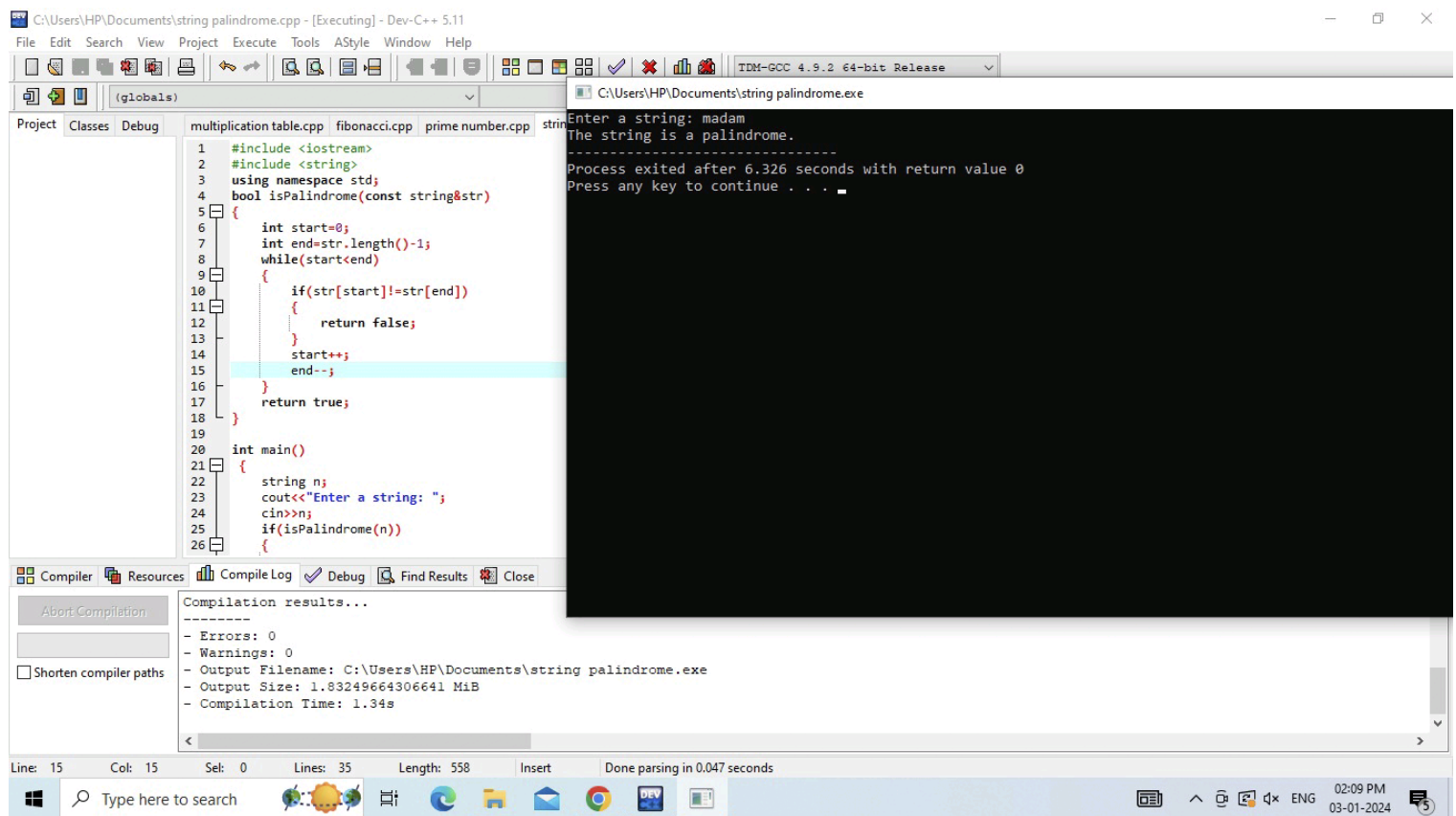
```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int n,i,flag=0;
6     cout<<"Enter the Number: ";
7     cin>>n;
8     for(i=2;i<=n/2;i++)
9     {
10         if(n%i==0)
11         {
12             cout<<"Number is not Prime.";
13             flag=1;
14             break;
15         }
16     }
17     if(flag==0)
18     {
19         cout << "Number is Prime.";
20     }
21     return 0;
22 }
```

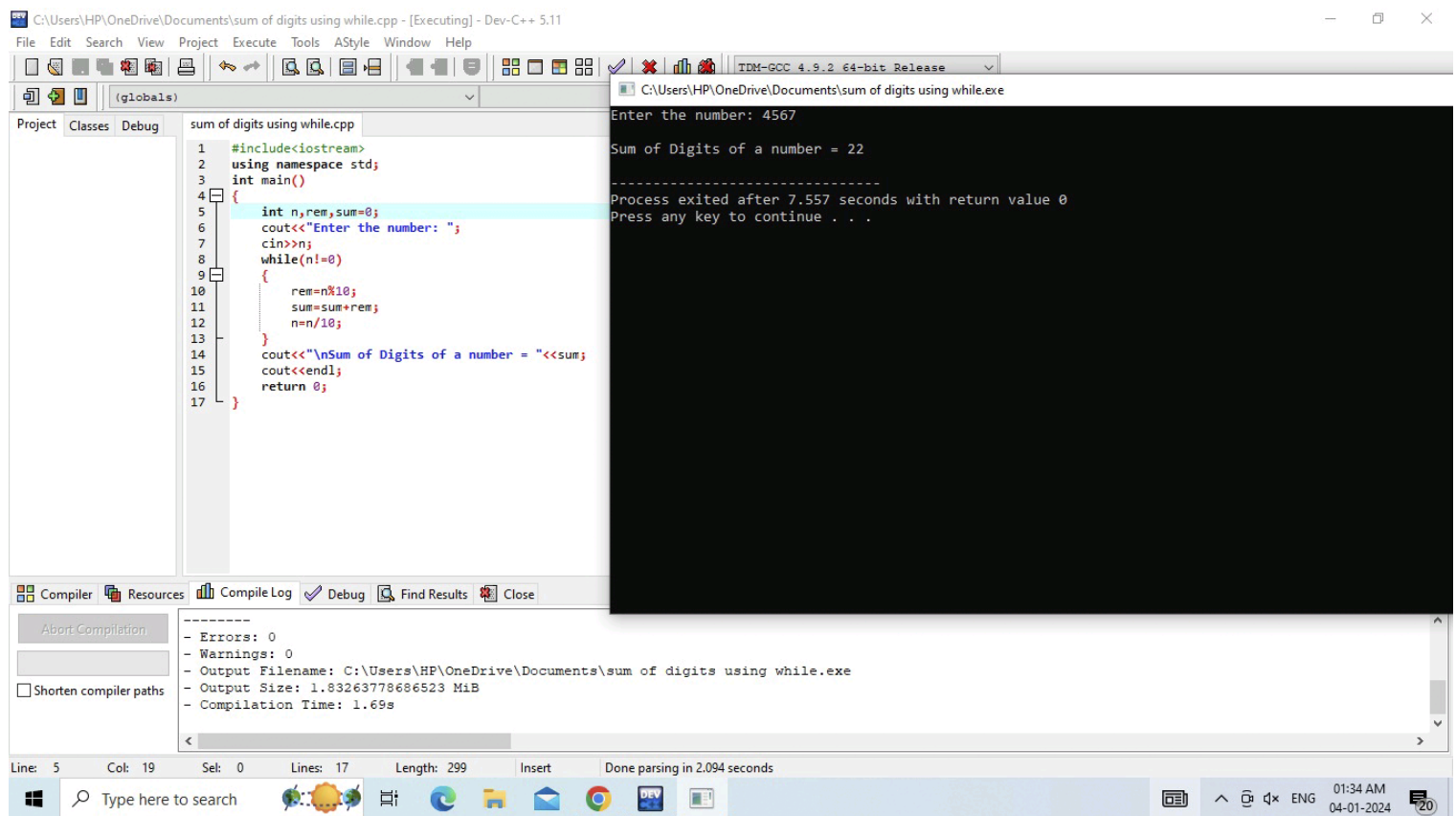
Enter the Number: 7  
Number is Prime.  
-----  
Process exited after 7.913 seconds with return value 0  
Press any key to continue . . .

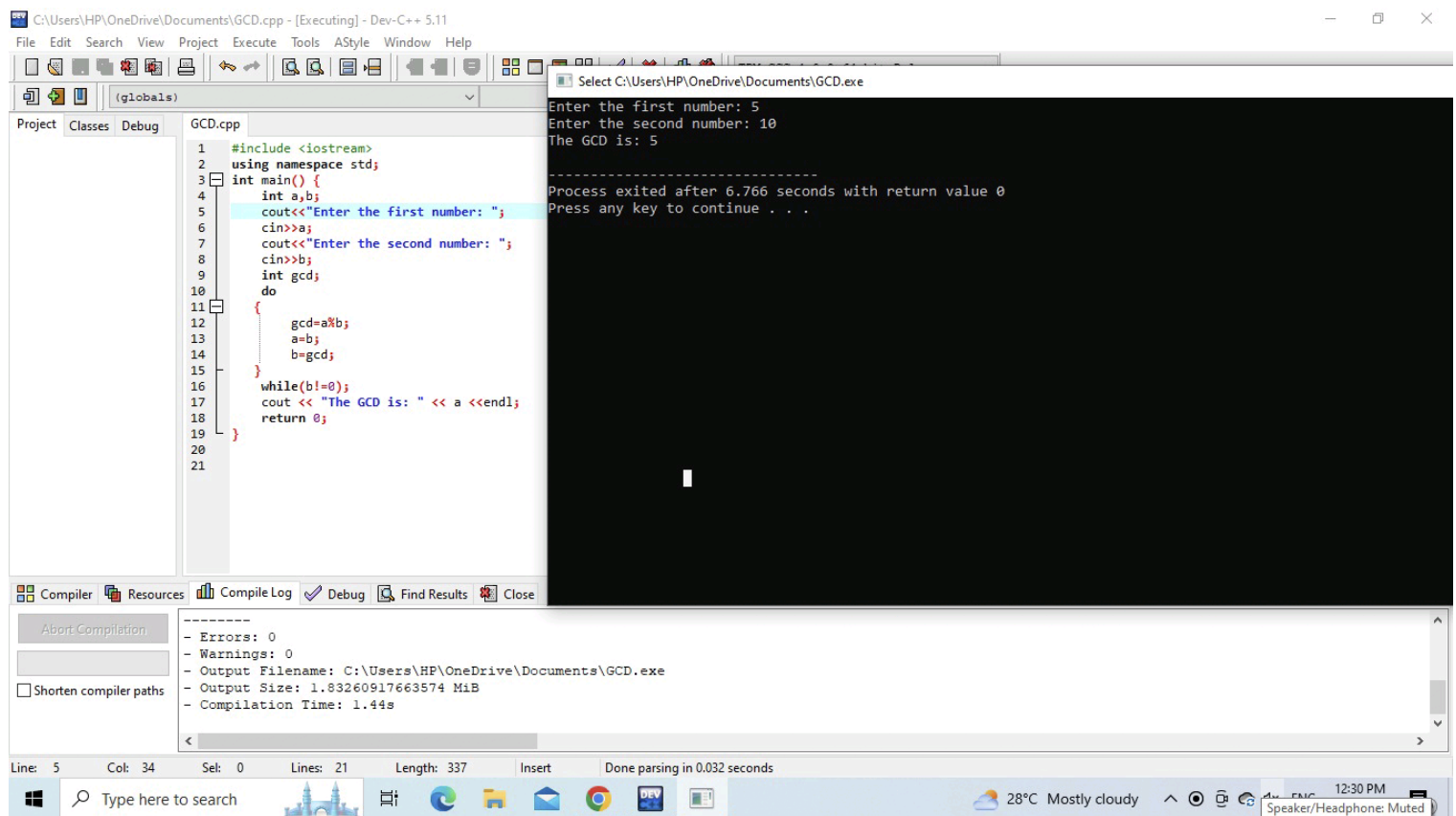
Compilation results...  
-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\HP\Documents\prime number.exe  
- Output Size: 1.83242321014404 MiB  
- Compilation Time: 1.41s

Line: 6 Col: 26 Sel: 0 Lines: 22 Length: 382 Insert Done parsing in 0.047 seconds

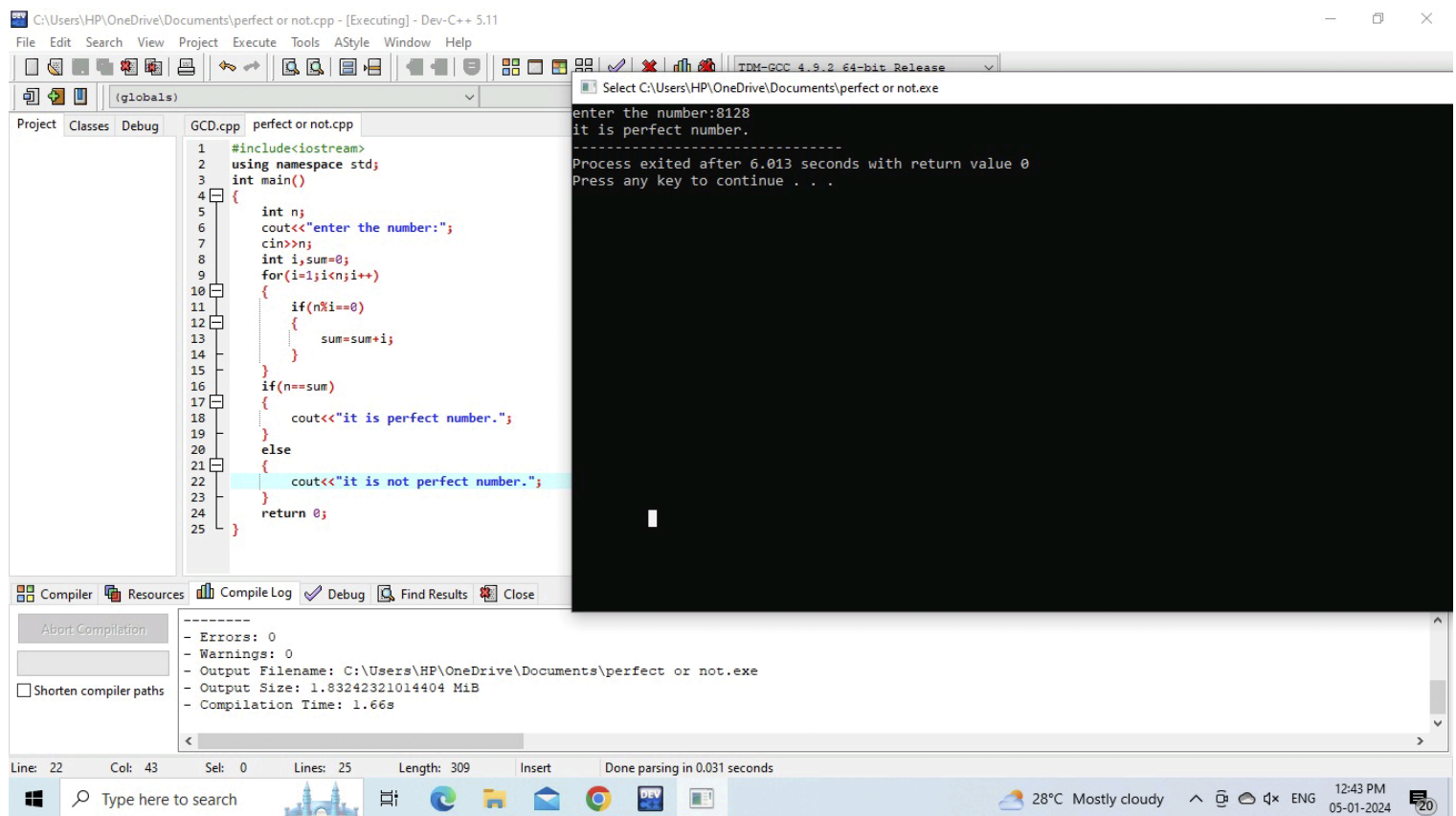
Type here to search 01:41 PM 03-01-2024











C:\Users\HP\OneDrive\Documents\armstrong.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug GCD.cpp perfect or not.cpp armstrong.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int n,temp,i,sum= 0;
6     cout<<"Enter a number: ";
7     cin>>n;
8     temp=n;
9     while(temp>0)
10    {
11        i=temp%10;
12        sum=sum+i*i*i;
13        temp=temp/10;
14    }
15    if (sum==n)
16        cout << n << " is an Armstrong number.";
17    else
18        cout << n << " is not an Armstrong number.";
19
20    return 0;
21 }
```

C:\Users\HP\OneDrive\Documents\armstrong.exe

```
Enter a number: 371
371 is an Armstrong number.
-----
Process exited after 7.012 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\HP\OneDrive\Documents\armstrong.exe  
- Output Size: 1.83242321014404 MiB  
- Compilation Time: 1.39s

Line: 18 Col: 18 Sel: 0 Lines: 21 Length: 391 Insert Done parsing in 0.062 seconds

28°C Mostly cloudy 12:56 PM Speaker/Headphone: Muted

C:\Users\HP\OneDrive\Documents\harshad or not.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project Classes Debug GCD.cpp perfect or not.cpp armstrong.cpp harshad or not.cpp

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     int n;
6     cout<<"enter the number:";
7     cin>>n;
8     int i,sum=0;
9     int temp=n;
10    while(temp>0)
11    {
12        i=temp%10;
13        sum=sum+i;
14        temp=temp/10;
15    }
16    if(n%sum==0)
17    {
18        cout<<n<<" is a harshad number.";
19    }
20    else
21    {
22        cout<<n<<" is not a harshad number.";
23    }
24    return 0;
25 }
```

C:\Users\HP\OneDrive\Documents\harshad or not.exe

```
enter the number:200
200 is a harshad number.
-----
Process exited after 2.236 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\HP\OneDrive\Documents\harshad or not.exe
- Output Size: 1.83242321014404 MiB
- Compilation Time: 1.44s
```

Line: 18 Col: 15 Sel: 0 Lines: 25 Length: 334 Insert Done parsing in 0.031 seconds

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C:\Users\HP\OneDrive\Documents\happy or not.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project Classes Debug GCD.cpp perfect or not.cpp armstrong.cpp harshad or not.cpp happy or not.cpp

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int n;
6     cout << "Enter a number: ";
7     cin >> n;
8     int sum=0;
9     while (n!=1 && n!=4) {
10         sum=0;
11         while (n>0) {
12             int i=n%10;
13             sum+=i*i;
14             n/= 10;
15         }
16         n=sum;
17     }
18     if (n==1)
19     {
20         cout << "Is a happy number" << endl;
21     }
22     else
23     {
24         cout << "Is not a happy number." << endl;
25     }
26     return 0;
27 }
```

C:\Users\HP\OneDrive\Documents\happy or not.exe

Enter a number: 68  
Is a happy number.

-----  
Process exited after 6.212 seconds with return value 0  
Press any key to continue . . .

Compiler Resources Compile Log Debug Find Results Close

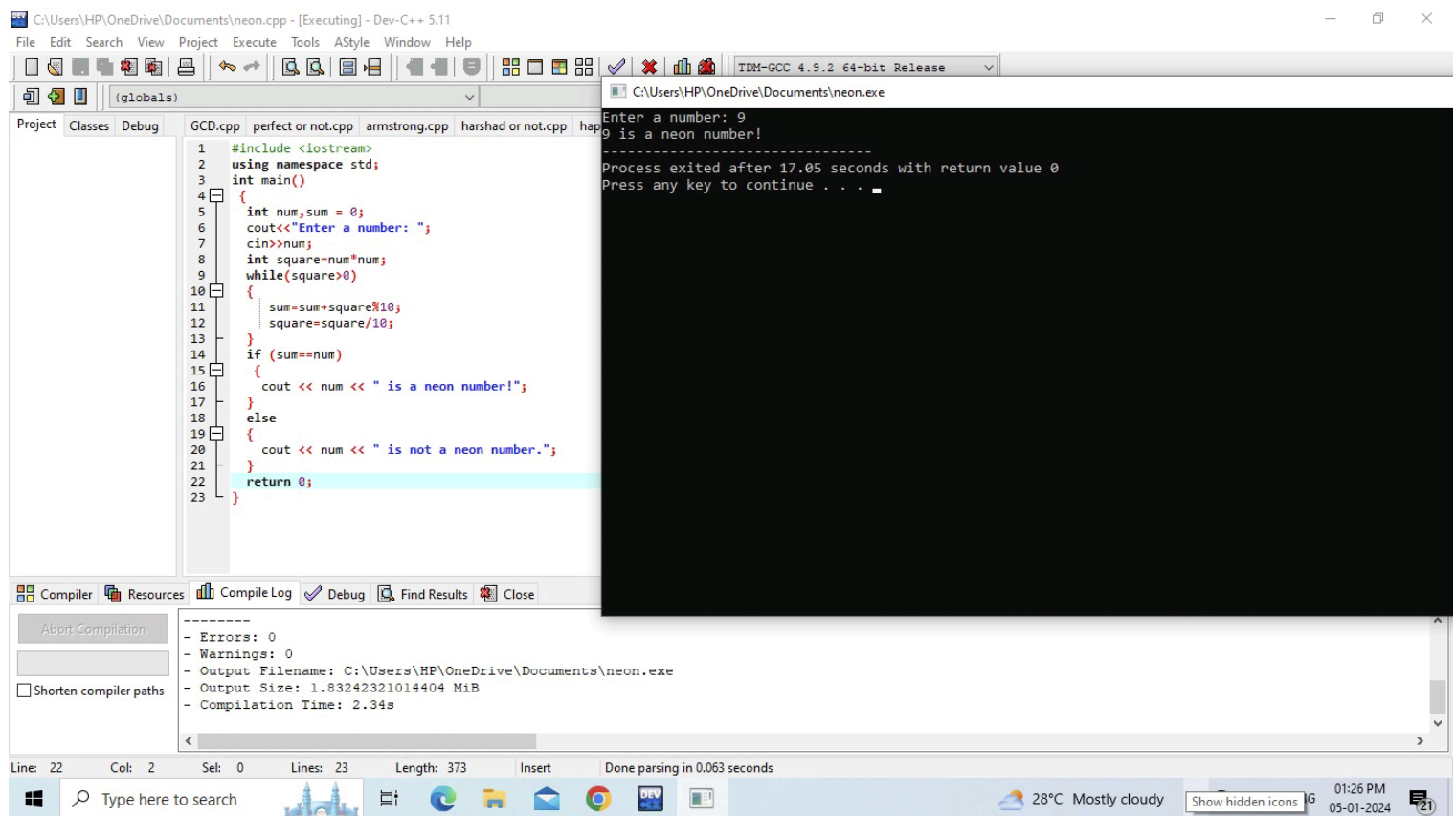
Abort Compilation

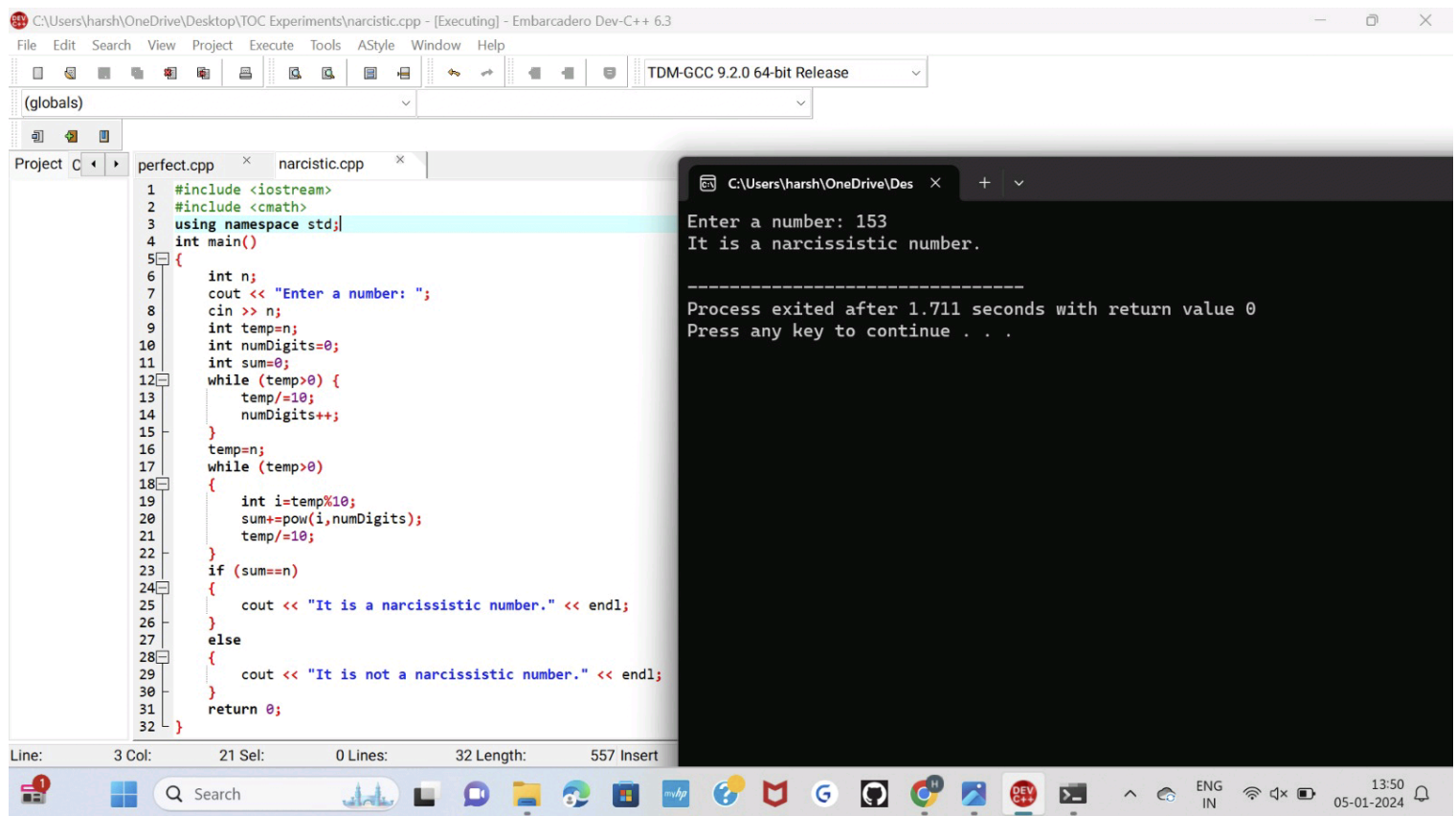
Shorten compiler paths

-----  
- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\HP\OneDrive\Documents\happy or not.exe  
- Output Size: 1.83260917663574 MiB  
- Compilation Time: 1.38s

Line: 24 Col: 48 Sel: 0 Lines: 27 Length: 459 Insert Done parsing in 0.093 seconds

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C:\Users\HP\OneDrive\Documents\strong or not.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project Classes Debug GCD.cpp perfect or not.cpp armstrong.cpp harshad or not.cpp happy or not

```
4 {
5     int number;
6     cout<<"Enter a number: ";
7     cin>>number;
8     int temp=number;
9     int sum=0;
10    while(temp>0)
11    {
12        int digit = temp % 10;
13        int factorial = 1;
14        for (int i = 1; i <= digit; i++)
15        {
16            factorial *= i;
17            sum += factorial;
18            temp /= 10;
19        }
20    }
21    if (sum==number)
22    {
23        cout << "It's a strong number!" << endl;
24    }
25    else
26    {
27        cout << "It's not a strong number." << endl;
28    }
29    return 0;
30 }
```

C:\Users\HP\OneDrive\Documents\strong or not.exe

```
Enter a number: 145
It's not a strong number.
-----
Process exited after 22.79 seconds with return value 0
Press any key to continue . . .
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\HP\OneDrive\Documents\strong or not.exe
- Output Size: 1.83260917663574 MiB
- Compilation Time: 2.08s
```

Line: 20 Col: 5 Sel: 0 Lines: 36 Length: 584 Insert Done parsing in 0.047 seconds

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