C PROGRAMMING

TABLE OF CONTENT

1)Running a basic C Program
- IDE (Code Blocks)
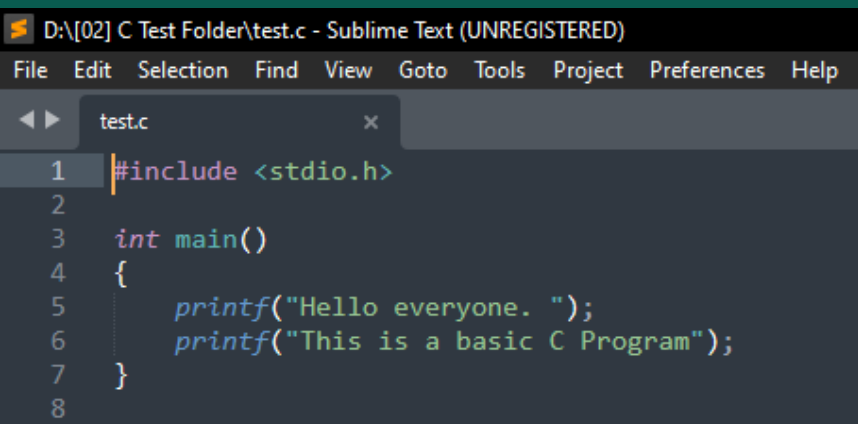
```c
#include <stdio.h>


int main()
{

    printf("Hello everyone. ");
    printf("This is a basic C Program");

}
```

```
D:\test.exe

Hello everyone. This is a basic C Program
Process returned 0 (0x0)   execution time : 0.014 s
Press any key to continue.
```
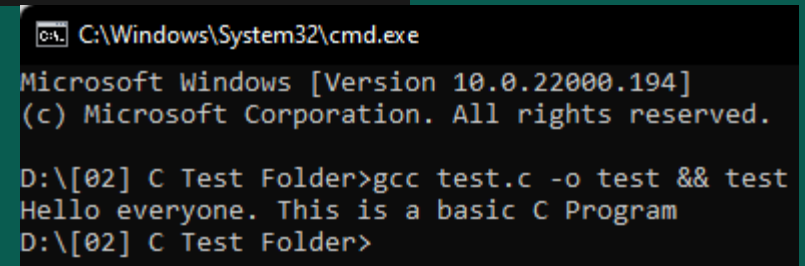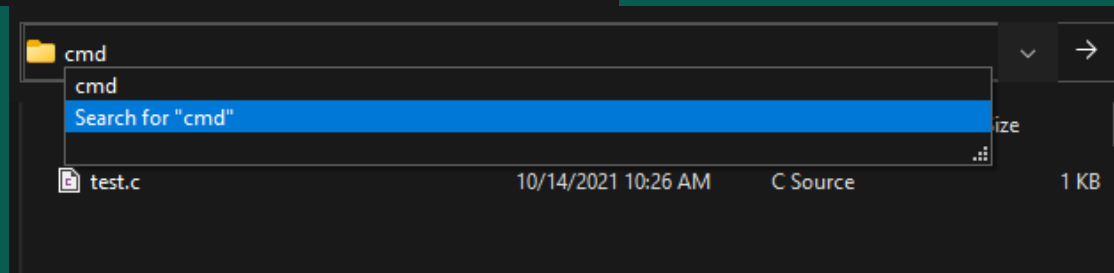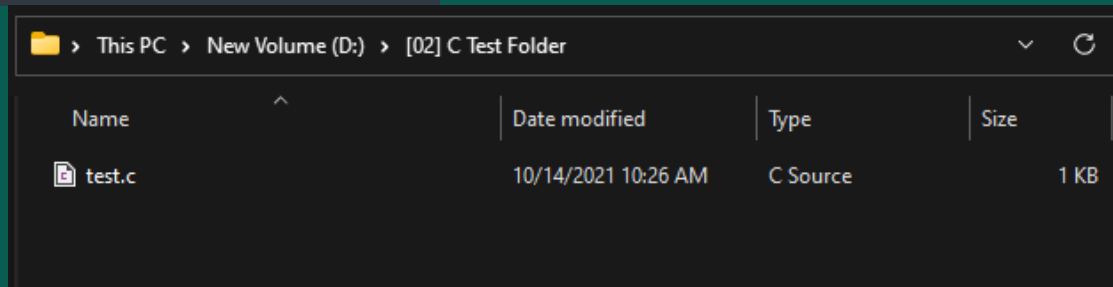
1)Running a basic C Program
 • Code Editor (Sublime Text)

D:\[02] C Test Folder\test.c - Sublime Text (UNREGISTERED)

File   Edit   Selection   Find   View   Goto   Tools   Project   Preferences   Help

test.c

```
1  #include <stdio.h>
2
3  int main()
4  {
5      printf("Hello everyone. ");
6      printf("This is a basic C Program");
7  }
8
```

This PC > New Volume (D:) > [02] C Test Folder

Name	Date modified	Type	Size
test.c	10/14/2021 10:26 AM	C Source	1 KB

cmd

cmd

Search for "cmd"

		ize
test.c	10/14/2021 10:26 AM C Source	1 KB

C:\Windows\System32\cmd.exe

```
Microsoft Windows [Version 10.0.22000.194]
(c) Microsoft Corporation. All rights reserved.

D:\[02] C Test Folder>gcc test.c -o test && test
Hello everyone. This is a basic C Program
D:\[02] C Test Folder>
```

2)Bonus (Code Formatter)

```c
   #include <stdio.h>

int main()
{
printf("Hello everyone. ");
        printf("This is a basic C Program");
            for (int i; i < 5; i++){printf("%d ", i);}
}
```

Find broken files in project

Reload EditorConfig

BYO Games

Cccc

Code profiler

Code statistics

Copy Strings to clipboard

CppCheck

DevPak updater/installer

Header Fixup

Koders query

Library finder

Project options manipulator

Regular expressions testbed

Source code formatter (AStyle)
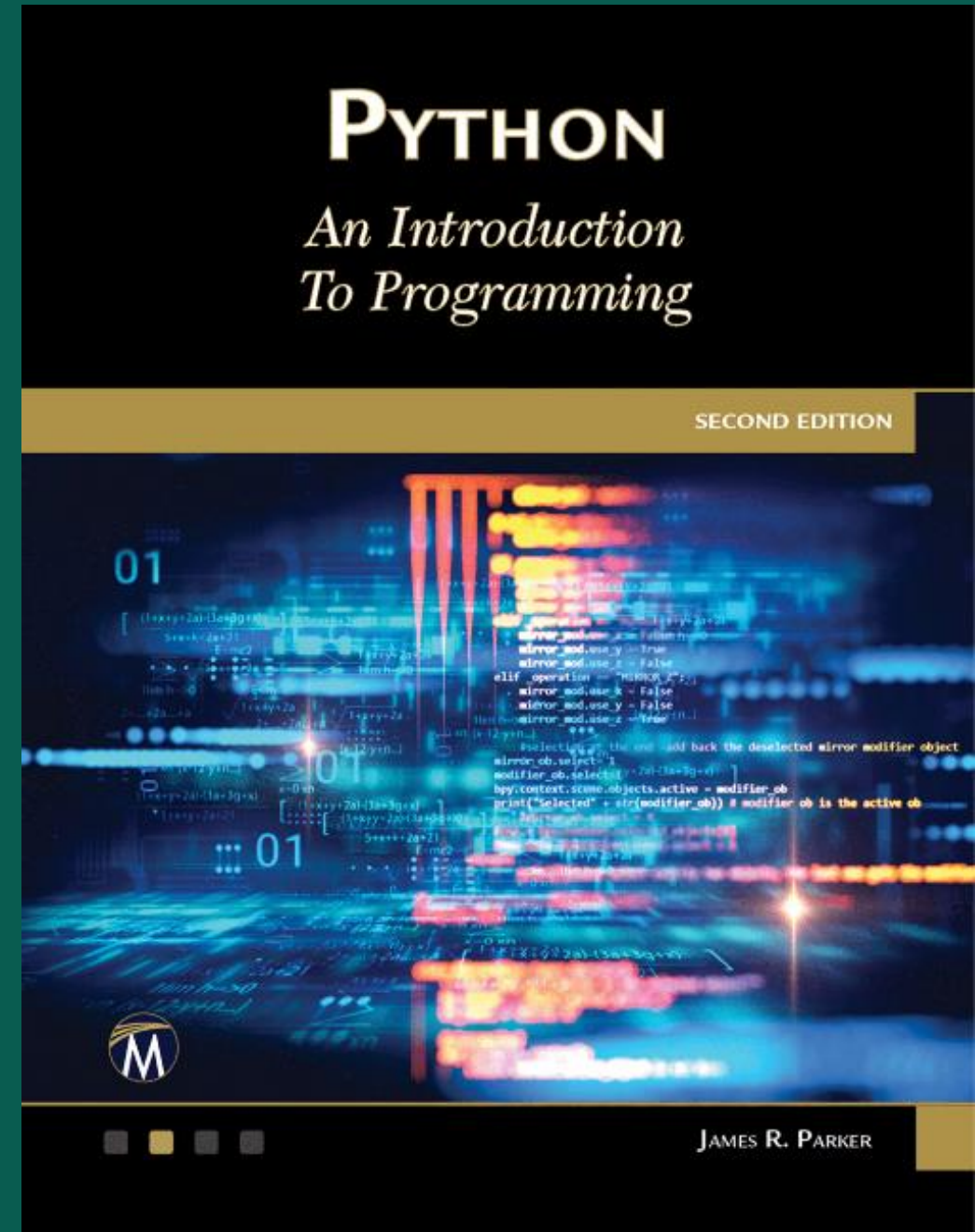
Symbol Table Plugin

Windows XP Look'n'Feel

Manage plugins...

```c
#include <stdio.h>

int main()
{
    printf("Hello everyone. ");
    printf("This is a basic C Program");
    for (int i; i < 5; i++)
    {
        printf("%d ", i);
    }
}
```

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C programming author and online trainer

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JAMES R. PARKER

3)Self learning


```c
#include <stdio.h>

int main()
{
    printf("Hello everyone. ");
    printf("This is a basic C Program")
}
```

Copy contents to clipboard
Copy selection to clipboard

Clear contents
Fit text
Fit automatically

Tabs at bottom
Toggle...

Logs & others

Code::Blocks   Search results   Cccc   Build log   Buil   CppCheck/Vera++ m

File	Line	Message
		=== Build file: "no target" in "no pro
		In function 'main':
D:\[02] C Tes...		
D:\[02] C Tes...	6	error: expected ';' before '}' token
		=== Build failed: 1 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ===

Google

error: expected ';' before '}' token

All   Images   News   Videos   Shopping   More   Tools

About 53.700.000 results (0,78 seconds)

https://www.includehelp.com › c-programs › expected-...

Error: expected ')' before ';' token in C - Includehelp.com

4 Sep 2018 — The **error: expected ')' before ';' token** may occur by terminating the statements which should not be terminated by the semicolon.

https://stackoverflow.com › questions › expected-befor...

Expected ; before) token error in C [closed] - Stack Overflow

16 Sep 2014 — It's because the C++ standards committee decided on their latest meeting to insert winking smileys at random places in the C++ grammar so as to ...

2 answers · Top answer: You have too many parentheses printf("Sum is %i "),sum); printf("%i t...

C: **error: expected ')' before ';' token** - Stack Overflow   1 answer   5 Mar 2013
How to resolve "**expected ';' before '{' token**" in C ...   4 answers   7 Apr 2016
What is **error: expected ')' before ';' token** - Stack ...   1 answer   12 Mar 2019
Getting **error: expected '{' before '(' token** [closed ...   2 answers   14 May 2016

More results from stackoverflow.com

People also ask

How do I fix error expected before token?

What does Expected expression before token mean?

What does Error Expected mean in C?

Feedback

https://forum.arduino.cc › ... › Deutsch · Translate this page

Klassiker: if endet mit expected ')' before ';' token beim ...

23 Apr 2017 — ... 'LightAnalogValue' cannot be used as a function if (LightAnalogValue() <= 5.00) ^ Lichtschranke:54: **error: expected ';' before '}' token** } ...

3) Self learning

https://codeforwin.org/c-programming-examples-exercises-solutions-beginners

C programming examples, exercises and solutions for beginners

Basic C programs

Hello world program in C

Basic input/output

Basic IO on all data types

Perform arithmetic operations

Find area and perimeter of rectangle

Find diameter and area of circle

Find area of triangle

Find angles of triangle

Temperature conversion

Length conversion

Days conversion

Find power of a number

Find square root

Calculate simple interest

Calculate compound interest

Find range of data types

View all programs →

Bitwise Operator

Check Least Significant Bit (LSB)

Check Most Significant Bit (MSB)

Get nth bit of a number

Set nth bit of a number

Clear nth bit of a number

Toggle nth bit of a number

Highest set bit of a number

Lowest set bit of a number

Count trailing zeros of binary number

Count leading zeros of binary number

Flip bits of a number

Rotate bits of a number

Decimal to binary

Swap two numbers

Check even or odd

View all Bitwise operator examples →

Conditional operator

Maximum of two numbers

Maximum of three numbers

Check even or odd

Check leap year

Check alphabet

View all Conditional operator examples →

If...else

Find maximum of two numbers

Find maximum of three numbers

Check negative, positive or zero

Check divisibility

Check even or odd

Check leap year

Check alphabet character

Switch...case

Print day of week

Find total days in month

Check vowel or consonant

Find maximum of two numbers

Check positive, negative or zero

Find roots of quadratic equation

Simple calculator application

For, while, do...while loop

Print natural numbers from 1 to n

Print alphabets from a to z

Print even numbers from 1 to n

Print sum of all numbers from 1 to n

Print sum of all odd numbers from 1 to n

Print multiplication table of n

Find number of digits in a number

3) Self learning

https://www.w3resource.com/python-exercises/

List of Python Exercises :

- Python Basic (Part -I) [150 Exercises with Solution]
- Python Basic (Part -II) [142 Exercises with Solution]
- Python built-in Modules [31 Exercises with Solution]
- Python Data Types - String [101 Exercises with Solution]
- Python JSON [9 Exercises with Solution]
- Python Data Types - List [272 Exercises with Solution]
- Python Data Types - Dictionary [80 Exercises with Solution]
- Python Data Types - Tuple [33 Exercises with Solution]
- Python Data Types - Sets [20 Exercises with Solution]
- Python Data Types - Collections [36 Exercises with Solution]
- Python heap queue algorithm [29 exercises with solution]
- Python Array [24 Exercises with Solution]
- Python Enum [5 Exercises with Solution]
- Python Bisect [9 Exercises with Solution]
- Python Conditional statements and loops [44 Exercises with Solution]
- Python functions [21 Exercises with Solution]
- Python Lambda [52 Exercises with Solution]
- Python Map [17 Exercises with Solution]
- Python Operating System Services [18 Exercises with Solution]
- Python Date Time [63 Exercises with Solution]
- Python Class [24 Exercises with Solution]
- Search and Sorting [39 Exercises with Solution]
- Linked List [14 Exercises with Solution]

Python GUI tkinter

- Python tkinter Basic [5 Exercises with Solution]
- Python tkinter widgets [12 Exercises with Solution]

Python NumPy :

- Python NumPy Home
- Python NumPy Basic [59 Exercises with Solution]
- Python NumPy arrays [205 Exercises with Solution]
- Python NumPy Linear Algebra [19 Exercises with Solution]
- Python NumPy Random [17 Exercises with Solution]
- Python NumPy Sorting and Searching [9 Exercises with Solution]
- Python NumPy Mathematics [41 Exercises with Solution]
- Python NumPy Statistics [14 Exercises with Solution]
- Python NumPy DateTime [7 Exercises with Solution]
- Python NumPy String [22 Exercises with Solution]
- More to come

Python Challenges :

- Python Challenges: Part -1 [1- 64]
- More to come

Python Mini Projects :

- Python Projects Numbers: [11 Projects with solution]
- Python Web Programming: [12 Projects with solution]
- Python Projects: Novel Coronavirus (COVID-19) [14 Exercises with Solution]
- More to come

3)Self learning

https://leetcode.com/problemset/all/

All Topics | Algorithms | Database | Shell | Concurrency

Lists | Difficulty | Status | Tags | Search questions | Pick One

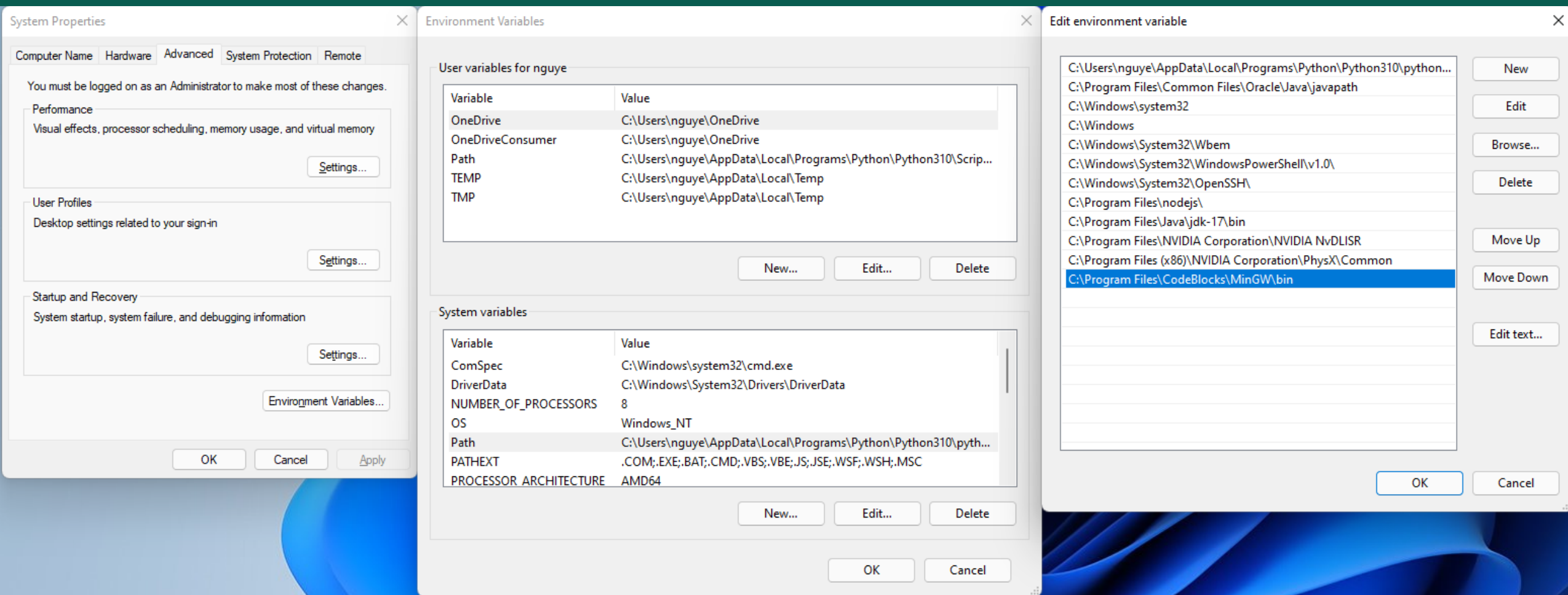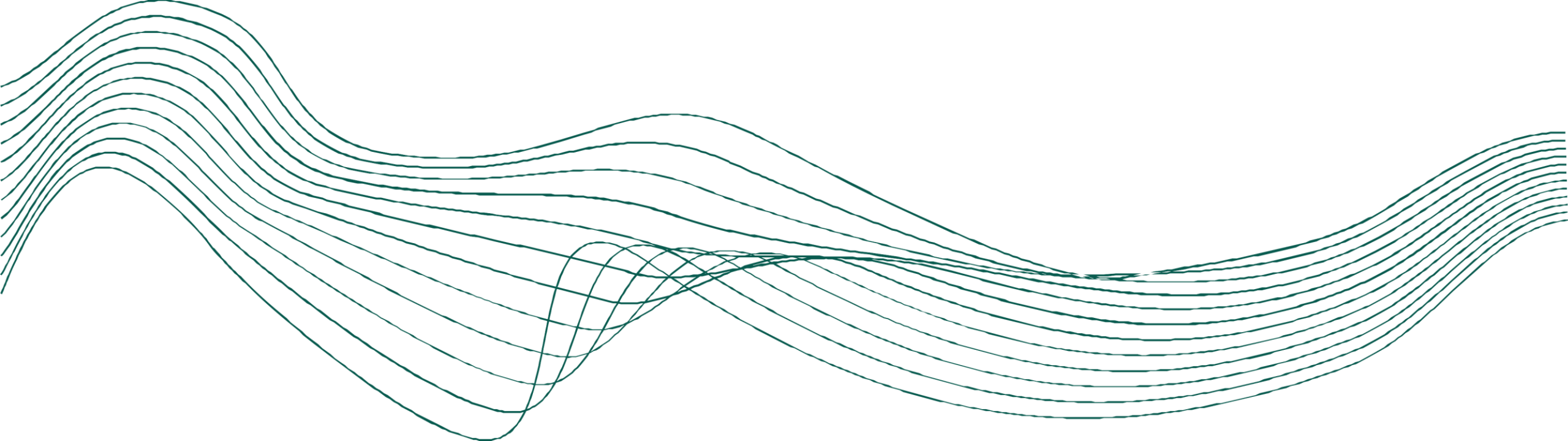| Status	Title	Solution	Acceptance	Difficulty	Frequency
	279. Perfect Squares		50.7%	Medium	
—	1. Two Sum		47.7%	Easy	
—	2. Add Two Numbers		37.0%	Medium	
—	3. Longest Substring Without Repeating Chara...		32.3%	Medium	
—	4. Median of Two Sorted Arrays	—	32.8%	Hard	
—	5. Longest Palindromic Substring		31.3%	Medium	
—	6. ZigZag Conversion		39.9%	Medium	
—	7. Reverse Integer		26.1%	Medium	
—	8. String to Integer (atoi)	—	16.0%	Medium	
—	9. Palindrome Number		51.5%	Easy	
—	10. Regular Expression Matching		28.0%	Hard	
—	11. Container With Most Water		53.2%	Medium	
—	12. Integer to Roman		58.3%	Medium	

4) Q&A

5)Error may have (running Code Editor)

"gcc is not recognized as an internal or external command"
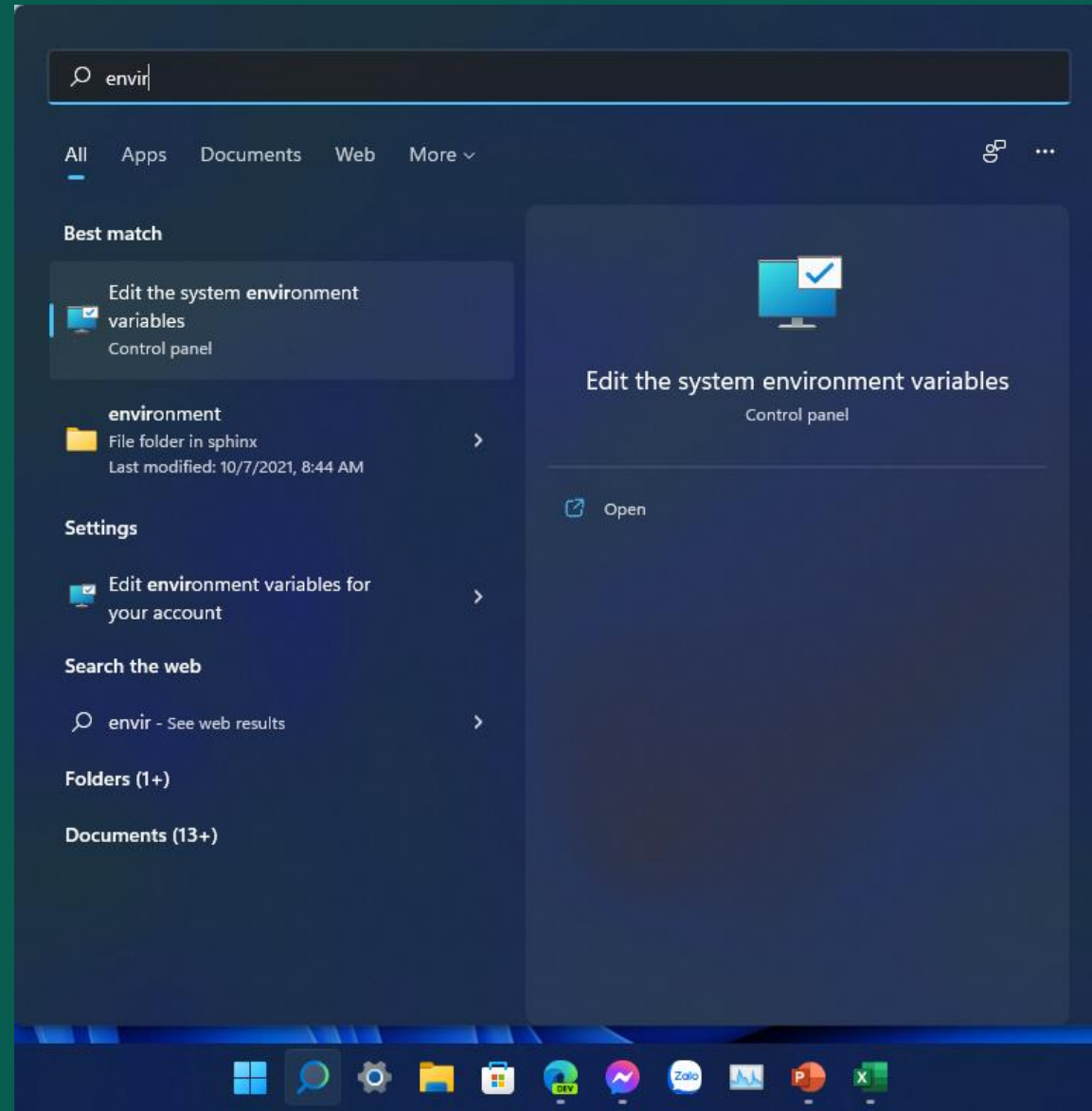
5)Error may have (running Code Editor)

THANK YOU FOR LISTENING