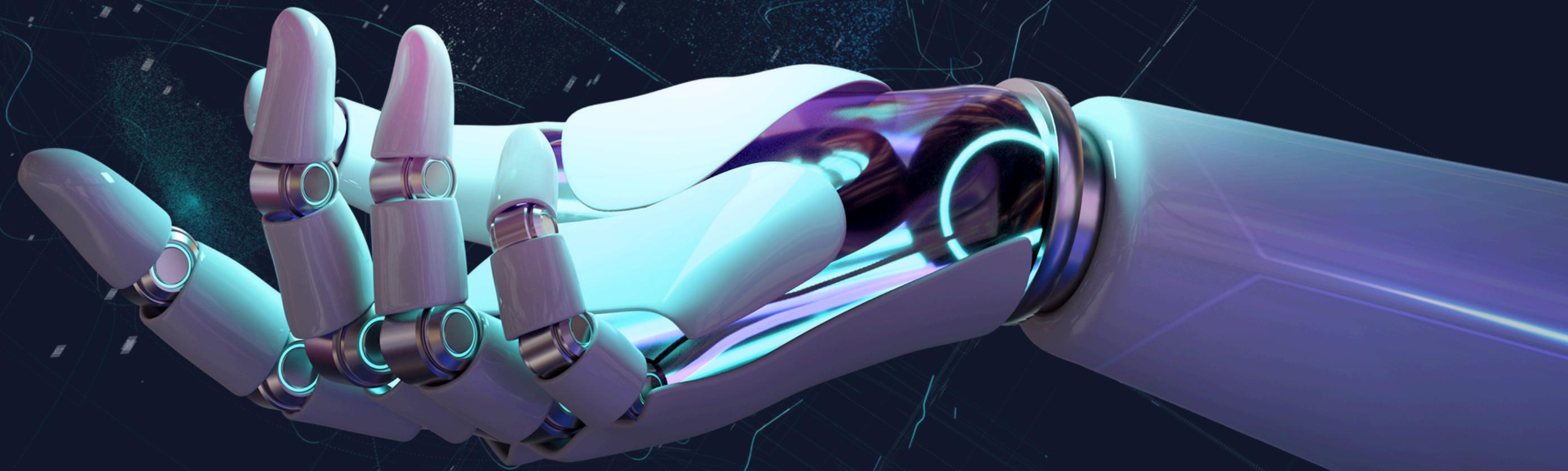
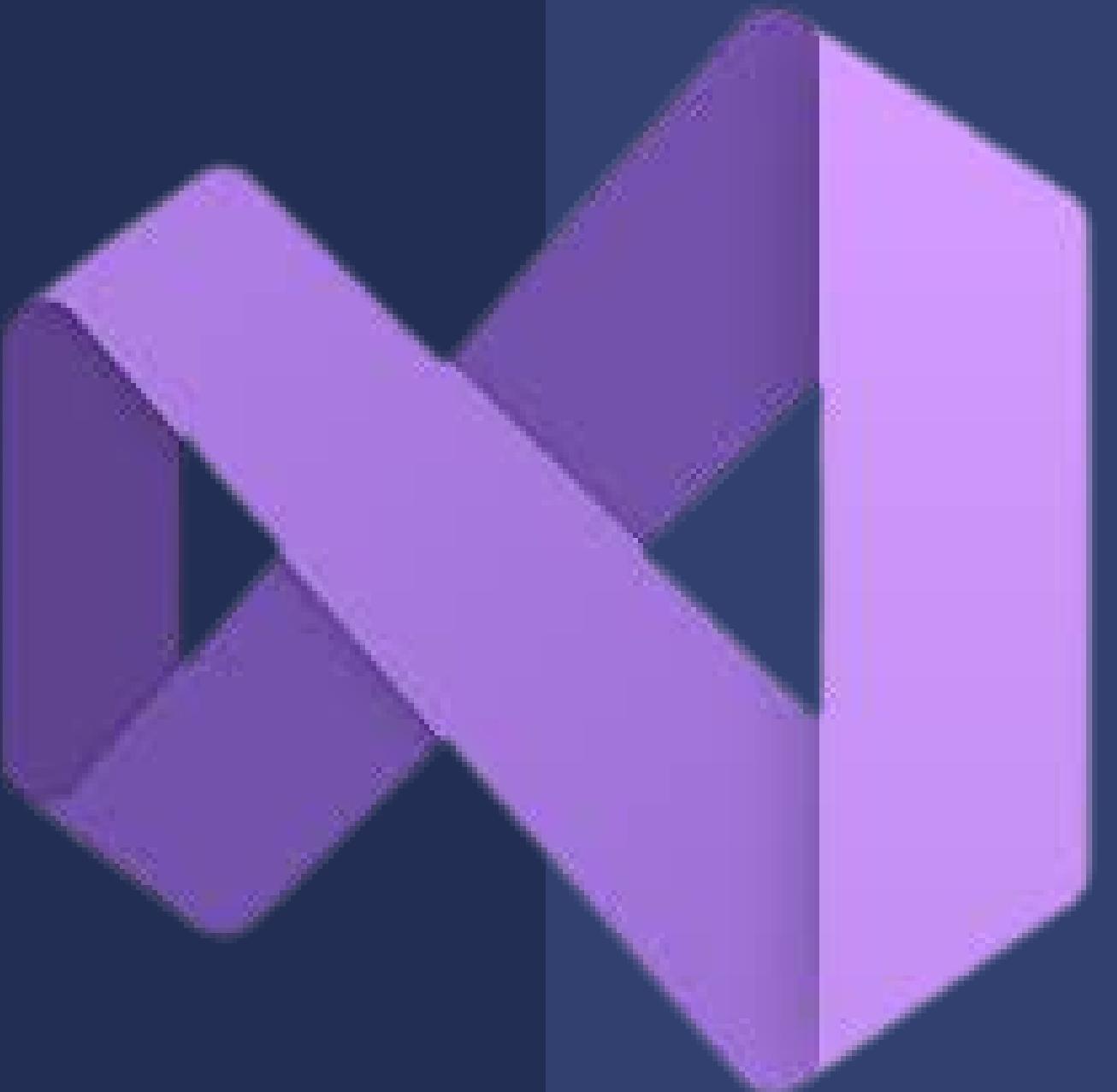


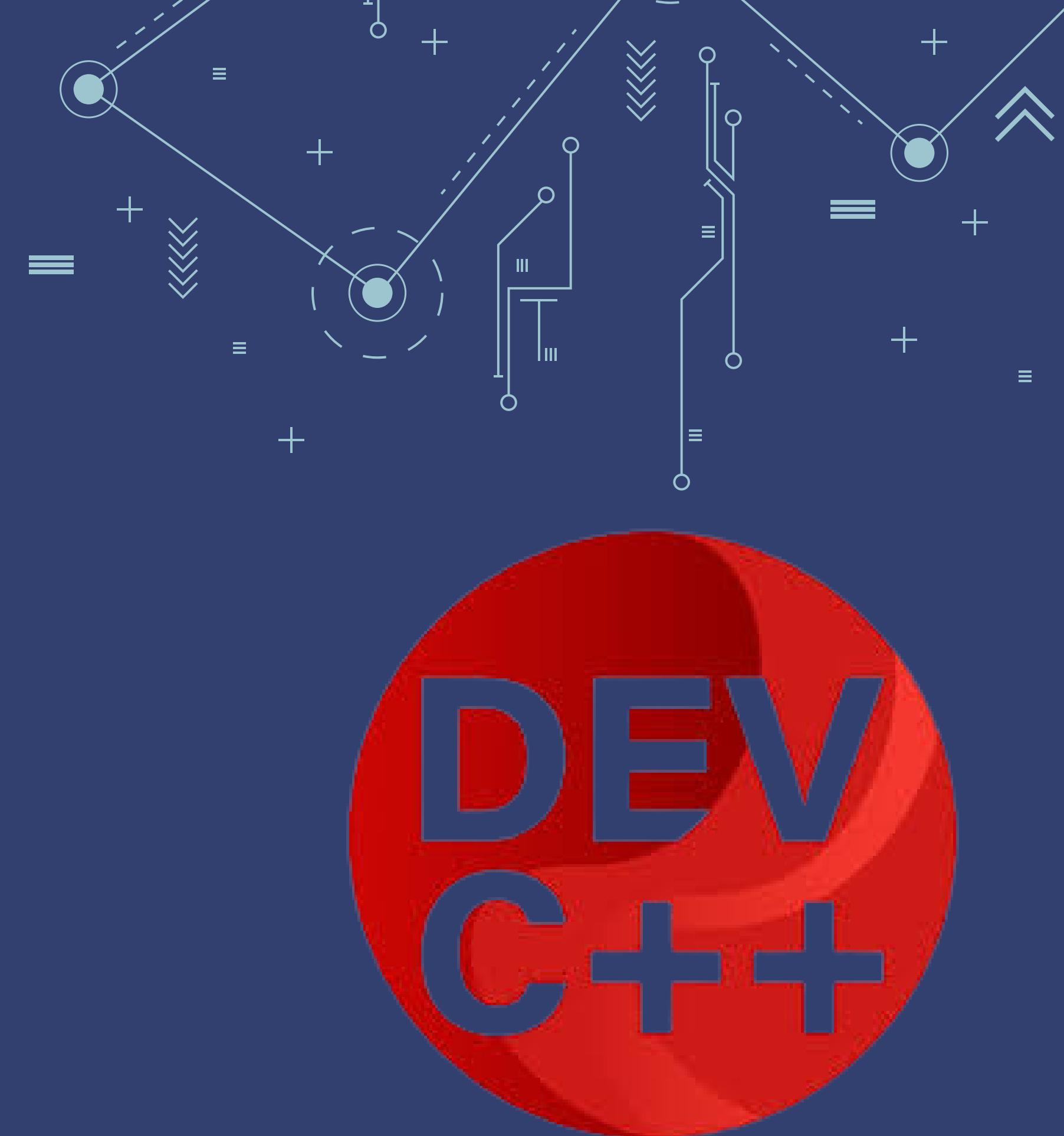
C++ SYNTAX

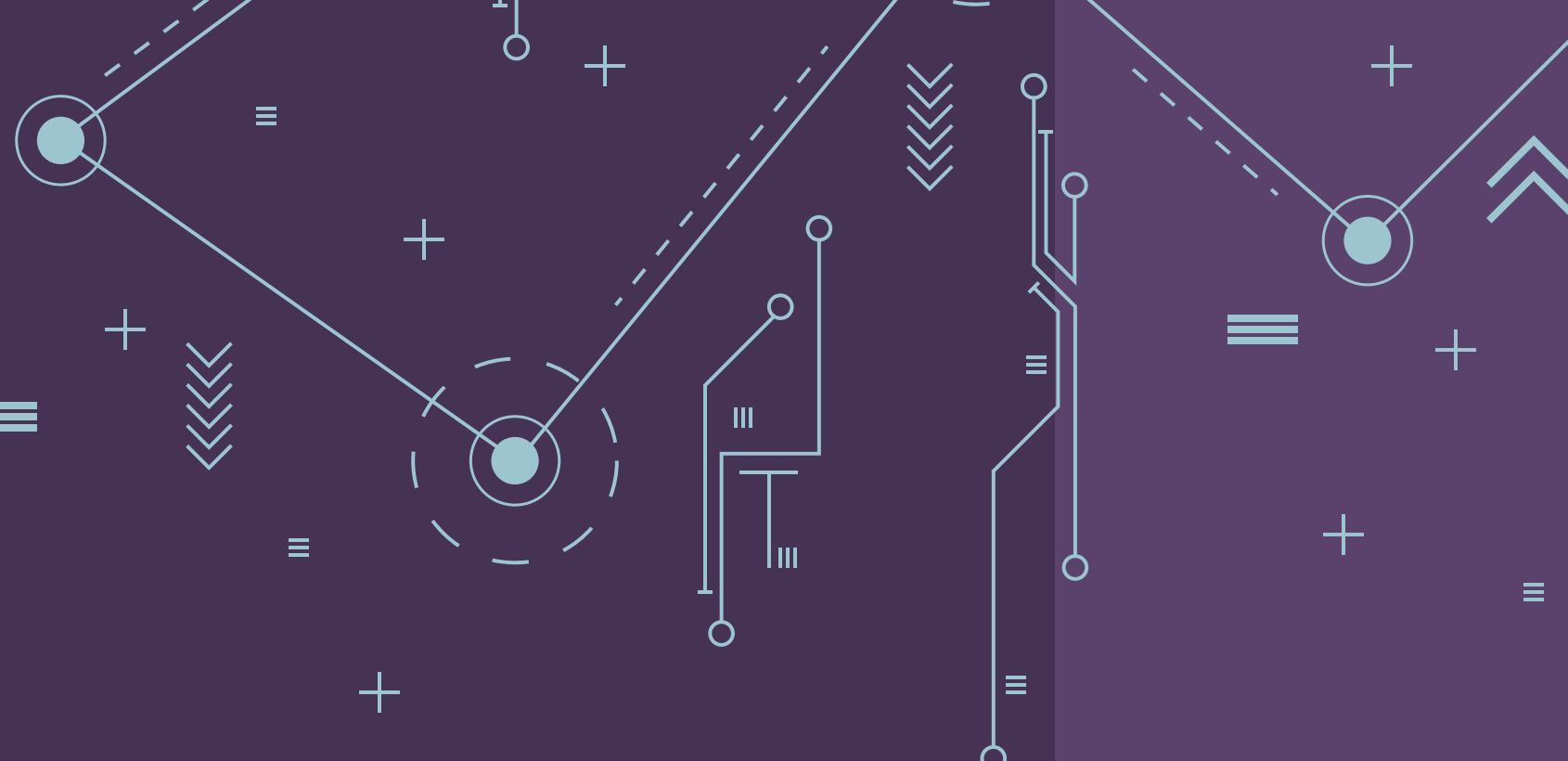


IDE



<https://visualstudio.microsoft.com/>



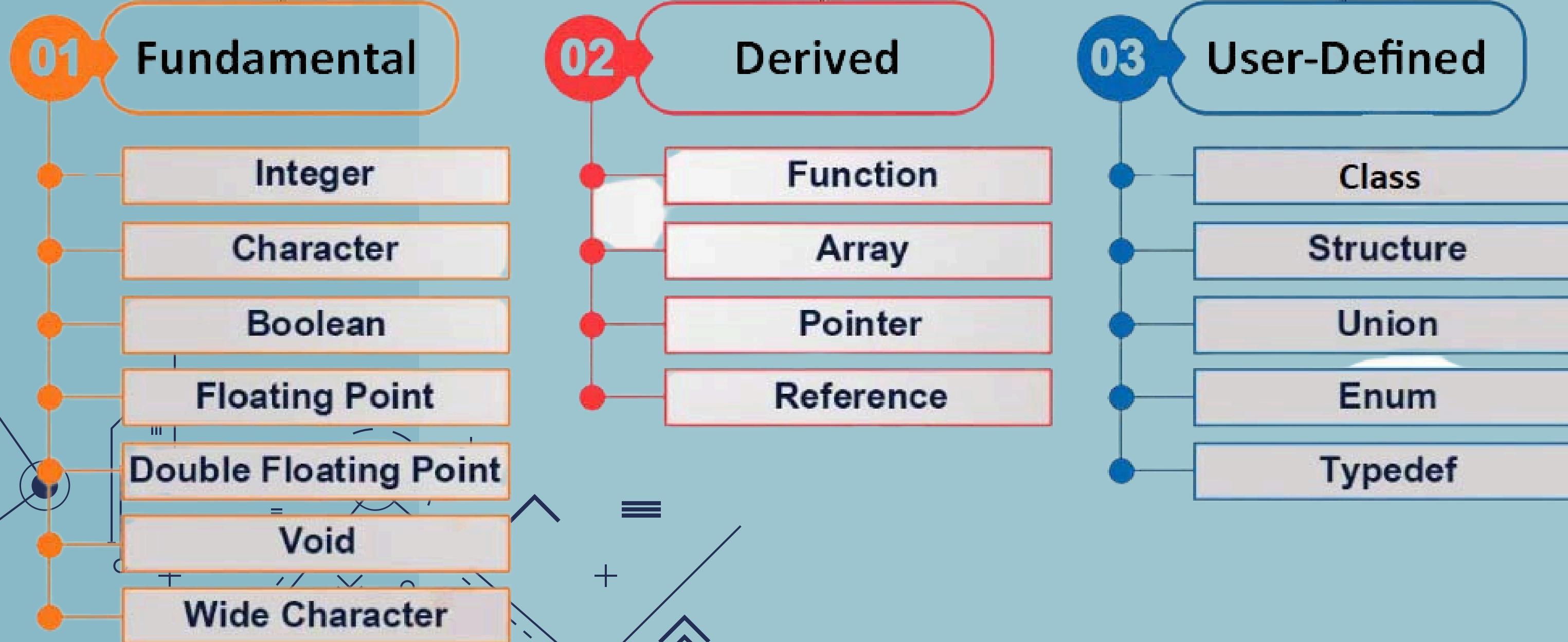


VARIABLE

```
Data_type var_name= val;
```

```
//print age in the screen  
int age = 20;  
cout << " My age is " << score;
```

Data Type in C++





CONDITIONAL STATEMENTS

```
if (condition)
{
    statement1;
}
else{
    statement2;
}
```

```
//positive or not?
int num = 10;
if (num > 0) {
    cout << "Number is positive" << endl;
}
else {
    cout << "Number is non-positive" << endl;
}
```



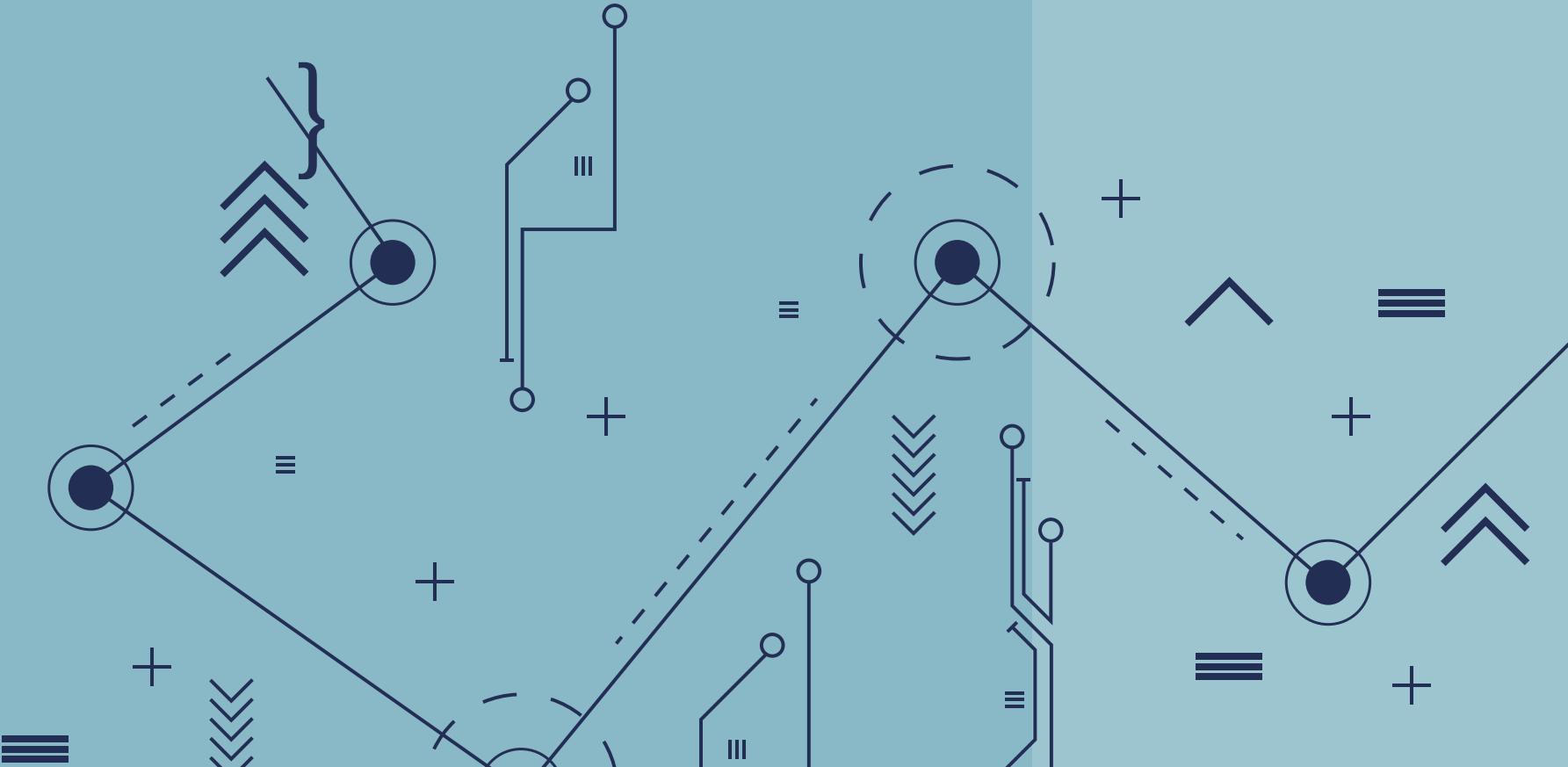
CONDITIONAL STATEMENTS

```
switch (x) {  
    case 1: // execution  
    of code if x = 1;  
    break;  
    case 2: // execution  
    of code if x = 2;  
    break;  
    default: // another  
}
```

```
char grade = 'A';  
switch (grade) {  
    case 'A':  
        cout << "Excellent!" << endl;  
        break;  
    case 'B':  
        cout << "Good job!" << endl;  
        break;  
    case 'C':  
        cout << "Passing grade" << endl;  
        break;  
    default:  
        cout << "Fail" << endl;  
}
```

★ WHILE

```
int count = 1;  
while (count <= 5) {  
    cout << "Count: " << count << endl;  
    ++count;
```



LOOPINGS

Count: 1
Count: 2
Count: 3
Count: 4
Count: 5

★ FOR

```
for (int i = 1; i <= 5; i++) {  
    cout << "Count: " << i << endl;
```

}

FUNCTION

```
cout << sub(5.25, 3.66);
```

 CALL

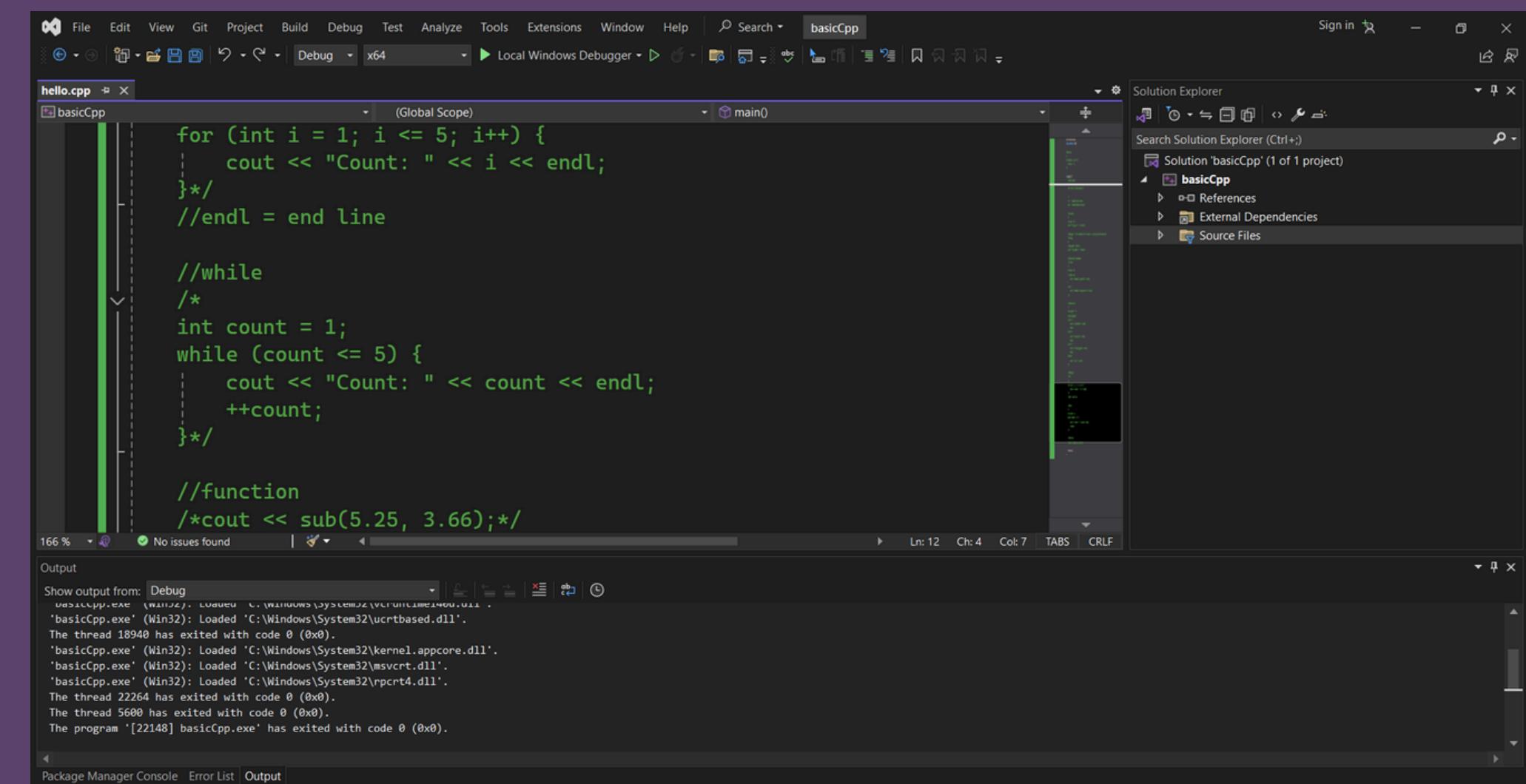
```
int sub(int a, int b) {  
    return a - b;  
}
```



DEFINE

VISIT MY GITHUB

I have typed it, if you don't want to type again, visit:
https://github.com/KelvinNguyen2h3/oop_cpp



```
File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help basicCpp
hello.cpp (Global Scope) main()
for (int i = 1; i <= 5; i++) {
    cout << "Count: " << i << endl;
}/*
//endl = end line

//while
/*
int count = 1;
while (count <= 5) {
    cout << "Count: " << count << endl;
    ++count;
}/*
//function
/*cout << sub(5.25, 3.66);*/
```

Output

```
Show output from: Debug
basicCpp.exe (Win32): Loaded 'C:\Windows\System32\kernel32.dll'.
'basicCpp.exe' (Win32): Loaded 'C:\Windows\System32\ucrtbased.dll'.
The thread 18940 has exited with code 0 (0x0).
'basicCpp.exe' (Win32): Loaded 'C:\Windows\System32\kernel32appcore.dll'.
'basicCpp.exe' (Win32): Loaded 'C:\Windows\System32\msvcrt.dll'.
'basicCpp.exe' (Win32): Loaded 'C:\Windows\System32\rpcrt4.dll'.
The thread 22264 has exited with code 0 (0x0).
The thread 5600 has exited with code 0 (0x0).
The program '[22148] basicCpp.exe' has exited with code 0 (0x0).
```

**THANKS
FOR WATCHING!**

