

File Edit Selection View Go ... Computer Network

EXPLORER ... Assign1.cpp Assign2.cpp Assign3.cpp X Extension: C/C++

COMPUTER NETWORK

- Assign1.cpp
- Assign2.cpp
- Assign3.cpp

Assign3.cpp > main()

```
1 #include <iostream>
2 #include <vector>
3
4 using namespace std;
5
6 vector<int> bitwiseXOR(const vector<int>& a, const vector<int>& b) {
7     vector<int> result(max(a.size(), b.size()));
8     for (int i = 0; i < result.size(); ++i) {
9         result[i] = (a.size() > i ? a[i] : 0) ^ (b.size() > i ? b[i] : 0);
10    }
11    return result;
12 }
13
14 vector<int> leftShift(const vector<int>& data, int shift) {
15     vector<int> result(data.size() + shift, 0);
16     copy(data.begin(), data.end(), result.begin() + shift);
17     return result;
18 }
19
20
21 vector<int> calculateCRC(const vector<int>& data, const vector<int>& generator) {
22     vector<int> dividend(data);
23     int divisor_length = generator.size();
24
25     while (dividend.size() >= divisor_length) {
26
27         if (dividend[0] == 0) {
```

Ln 42, Col 52 Spaces: 4 UTF-8 CRLF {} C++ Win32

Search

3:42 PM 3/15/2024



