GHANA COMMUNICATION
TECHNOLOGY UNIVERSITY

INSTITUTE OF CONTINUING
AND DISTANCE EDUCATION (ICDE)

COURSE CODE	CICS 112
COURSE TITLE	PROGRAMMING WITH C++
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QUESTION:

Write a C++ program to check whether an integer entered is a positive, negative or zero.

The solution

```cpp
#include <iostream>
#include <string>

using std::cin;
using std::cout;
using std::to_string;
using string_t = std::string;

int main()
{

    int number;
    string_t message;

    cout << "\n\n------- POSITIVE NUMBER -------\n\n";

    cout << "Enter a number:\n";
    cin >> number;

    if (number == 0)
    {
        message = "That's zero. Lol _:(.";
    }
    else if (number > 0)
    {
        message = to_string(number) + " is a positive.";
    }
    else
    {
        message = to_string(number) + " is a negative.";
    }

    cout << "\n\n"  << message << "\n\n";

    return 0;
}
```

Screenshot of the source code

```cpp
#include <iostream>
#include <string>

using std::cin;
using std::cout;
using std::to_string;
using string_t = std::string;

int main()
{

    int number;
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    cout << "\n\n------- POSITIVE NUMBER -------\n\n";

    cout << "Enter a number:\n";
    cin >> number;

    if (number == 0)
    {
        message = "That's zero. Lol _:(.";
    }
    else if (number > 0)
    {
        message = to_string(number) + " is a positive.";
    }
    else
    {
        message = to_string(number) + " is a negative.";
    }

    cout << "\n\n"
         << message << "\n\n";

    return 0;
}
```

Screenshot of the output

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   SPELL CHECKER

```
delanyo@thedelanyo MINGW64 /d/dev/cpp/gctu/positive_number
$ ./main


-------- POSITIVE NUMBER --------

Enter a number:
1


1 is a positive.


delanyo@thedelanyo MINGW64 /d/dev/cpp/gctu/positive_number
$ ./main


-------- POSITIVE NUMBER --------

Enter a number:
-2


-2 is a negative.


delanyo@thedelanyo MINGW64 /d/dev/cpp/gctu/positive_number
$
```