Lab 2 Variables, data types, and type conversion

Write a simple C++ program with the preprocessing statements and the main function, i.e.

```
#include <iostream>
using namespace std;

void main()
{
    // your code
}
```

If you use Linux/Mac OS X, the return type of the main function should be int and there should be a return statement, i.e.:

```
int main()
{
    // your code
    return 0;
}
```

Q1. int data type
Complete the following steps, inside the main function:

1. Declare a variable of type int, called "num1". Initialize its value to 2147483646.
2. Declare another int variable called "num2".
3. Increase num1 by 2, and assign the result to num2.
4. Output the value of num1 and num2 using cout.

Hints: The following outputs the value of num1.
cout << "Value of num1 is " << num1 << "\n";

What is the output? Why does the output look like this? What did you learn from this exercise?