C++ LAB – Check Writing (Number to Text Conversion)

C++ Lab: Repetition - Check writing program

User Requirements

A bank has hired you to create a program that will convert a numeric input from the user to a text output (see figure below.

- The user must enter an integer from 1 to 2,147,483,647.
- The user must not enter commas, special characters or the spacebar.

Create a command line program that displays the appropriate text based on the user entry.

```
Enter any integer: 2147483647
Two Billion One Hundred Forty Seven Million Four Hundred Eighty Three
Thousand Six Hundred Forty Seven Dollars
```

```
Enter any integer: 1111111111
One Billion One Hundred Eleven Million One Hundred Eleven Thousand One
Hundred Eleven Dollars
```

```
Enter any integer: 1234567890

One Billion Two Hundred Thirty Four Million Five Hundred Sixty Seven Thousand
Eight Hundred Ninety Dollars
```

```
Enter any integer: 898989

Eight Hundred Ninety Eight Thousand Nine Hundred Eighty Nine Dollars
```

```
Enter any integer: 1234

One Thousand Two Hundred Thirty Four Dollars
```

Software Requirements

Create a flowchart and/or pseudo code to establish an algorithm of how to solve this

problem. Your program must declare the following variables.

- userNum as a whole number
- output as a string that will numeric sentence.

Created by Professor Robert Solis