**Assgn C4003 – show this to the instructor for credit**

Write the first version of the program with the function "myAtoi" which takes a string and returns the integer and a Boolean value.

Read the string in from the keyboard, do the dummy stubs (part 1), display the results

#include "stdafx.h"

#include <iostream>

#include <string>

#include <stdlib.h>

using namespace std;

int myAtoi(char \*str)

{

int res = 0; // Initialize result

// Iterate through all characters of input string and

// update result

for (int i = 0; str[i] != '\0'; ++i)

res = res \* 10 + str[i] - '0';

// return result.

return res;

}

// Driver program to test above function

int main()

{

char str[] = "";

cout << "enter a string of numbers" << endl;

cin >> str;

cout << "your string is now a number" << endl;

int val = myAtoi(str);

cout << val << endl;

system("pause");

return 0;

}