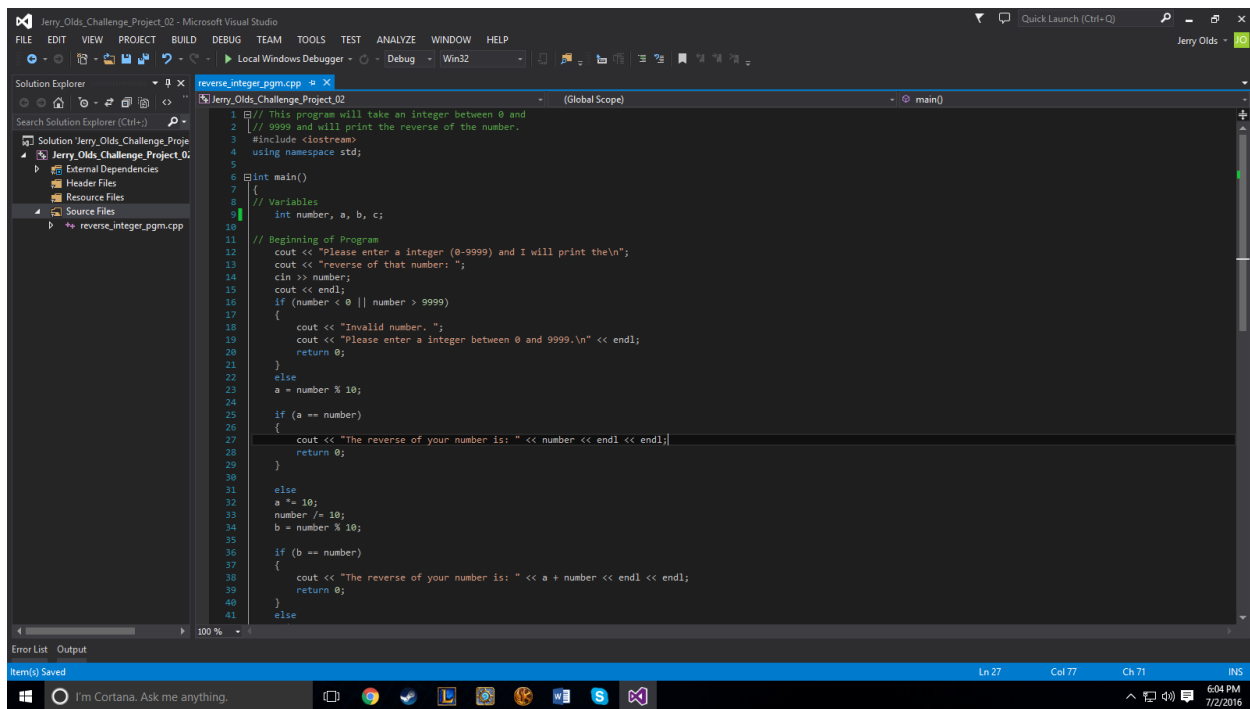


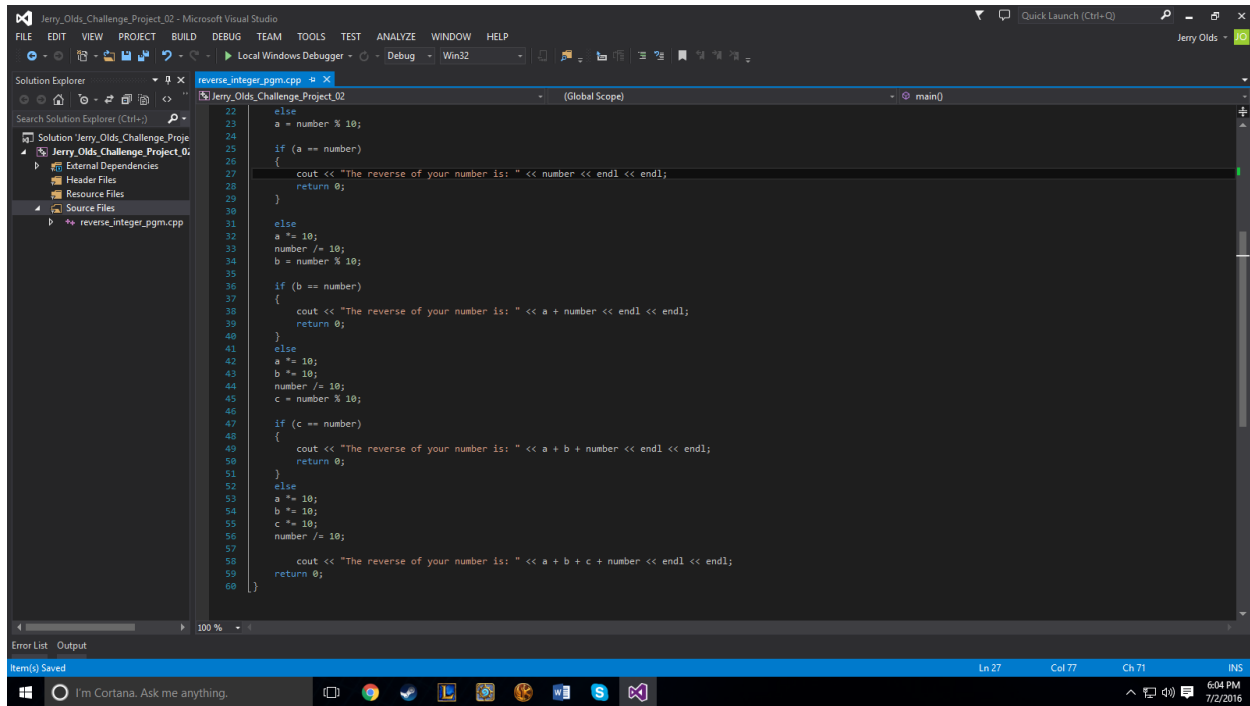
## Jerry Olds



The screenshot shows the Visual Studio IDE with the file `reverse_integer_pgm.cpp` open. The code is as follows:

```
1 // This program will take an integer between 0 and
2 // 9999 and will print the reverse of the number.
3 #include <iostream>
4 using namespace std;
5
6 int main()
7 {
8     // Variables
9     int number, a, b, c;
10
11 // Beginning of Program
12 cout << "Please enter a integer (0-9999) and I will print the\n";
13 cout << "reverse of that number: ";
14 cin >> number;
15 cout << endl;
16 if (number < 0 || number > 9999)
17 {
18     cout << "Invalid number. ";
19     cout << "Please enter a integer between 0 and 9999.\n" << endl;
20     return 0;
21 }
22 else
23     a = number % 10;
24
25     if (a == number)
26     {
27         cout << "The reverse of your number is: " << number << endl << endl;
28         return 0;
29     }
30
31     else
32         a *= 10;
33     number /= 10;
34     b = number % 10;
35
36     if (b == number)
37     {
38         cout << "The reverse of your number is: " << a + number << endl << endl;
39         return 0;
40     }
41     else
```

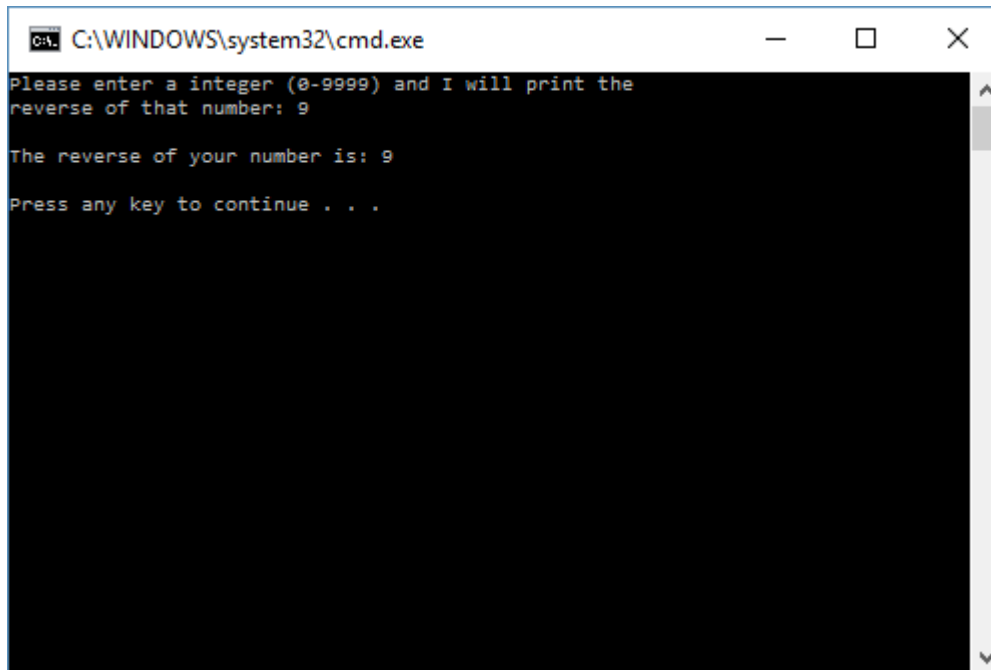
The status bar at the bottom indicates "Item(s) Saved" and the file is located at `Ln 27 Col 77 Ch 71`.



The screenshot shows the Visual Studio IDE with the file `reverse_integer_pgm.cpp` open. The code is as follows:

```
22     else
23         a = number % 10;
24
25     if (a == number)
26     {
27         cout << "The reverse of your number is: " << number << endl << endl;
28         return 0;
29     }
30
31     else
32         a *= 10;
33     number /= 10;
34     b = number % 10;
35
36     if (b == number)
37     {
38         cout << "The reverse of your number is: " << a + number << endl << endl;
39         return 0;
40     }
41     else
42         a *= 10;
43     b *= 10;
44     number /= 10;
45     c = number % 10;
46
47     if (c == number)
48     {
49         cout << "The reverse of your number is: " << a + b + number << endl << endl;
50         return 0;
51     }
52     else
53         a *= 10;
54     b *= 10;
55     c *= 10;
56     number /= 10;
57
58     cout << "The reverse of your number is: " << a + b + c + number << endl << endl;
59     return 0;
60 }
```

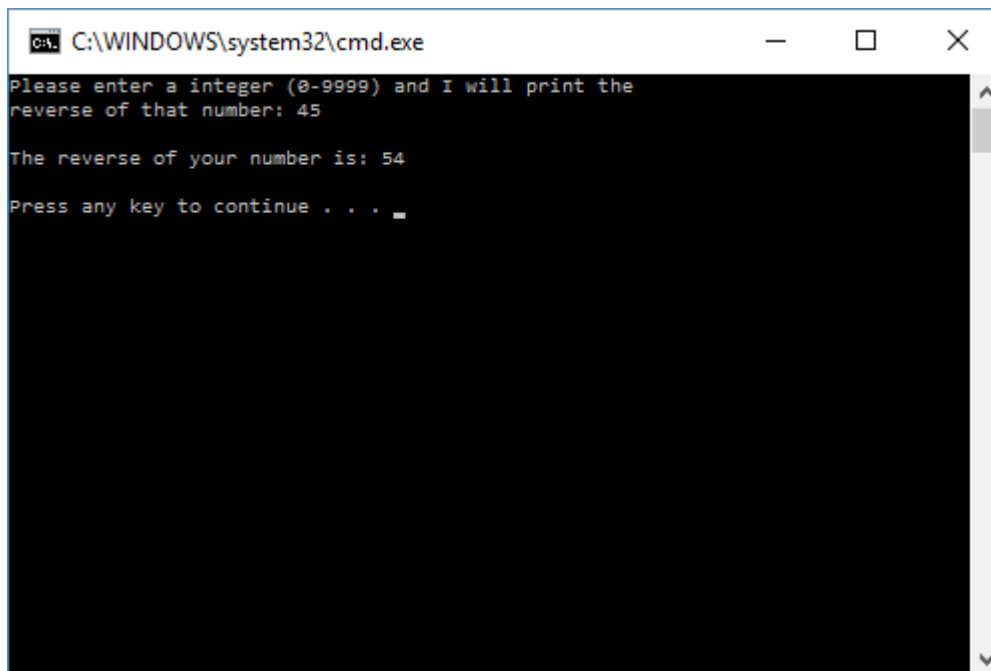
The status bar at the bottom indicates "Item(s) Saved" and the file is located at `Ln 27 Col 77 Ch 71`.



```
C:\WINDOWS\system32\cmd.exe
Please enter a integer (0-9999) and I will print the
reverse of that number: 9

The reverse of your number is: 9

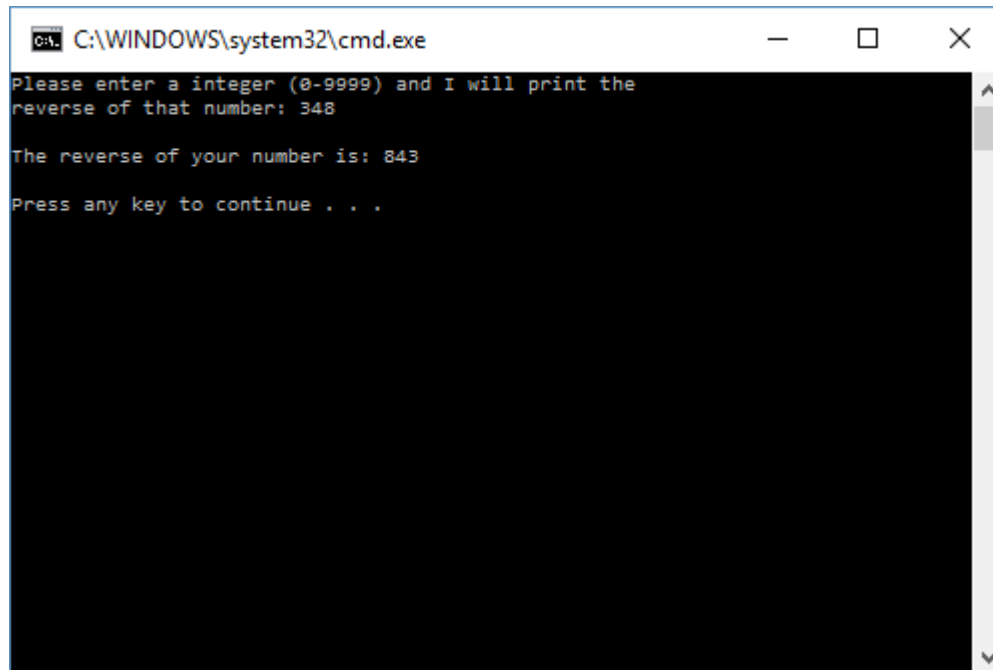
Press any key to continue . . .
```



```
C:\WINDOWS\system32\cmd.exe
Please enter a integer (0-9999) and I will print the
reverse of that number: 45

The reverse of your number is: 54

Press any key to continue . . .
```

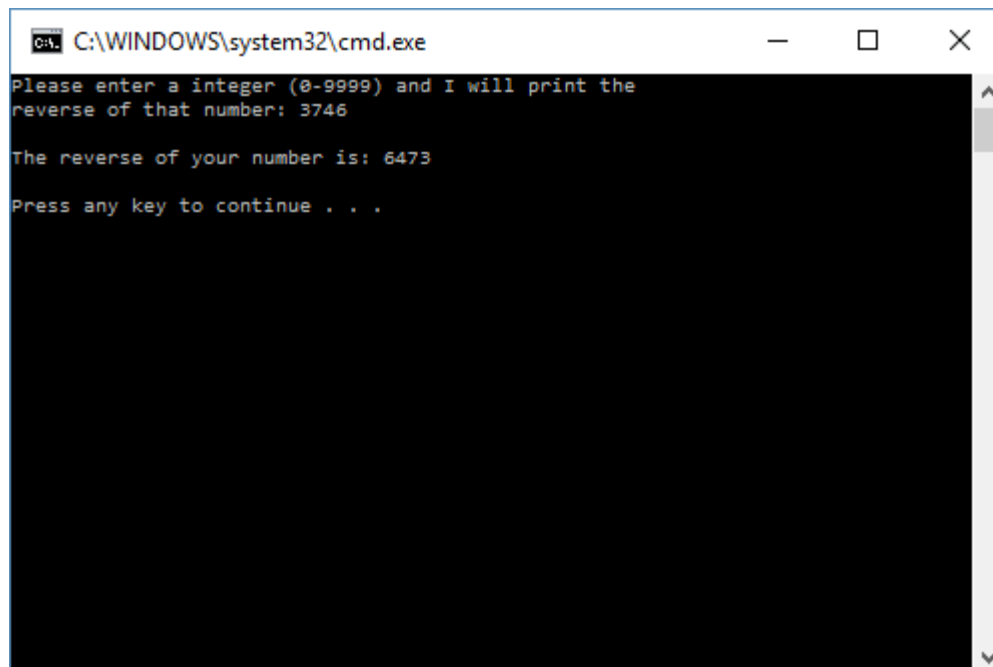


A screenshot of a Windows command prompt window titled "C:\WINDOWS\system32\cmd.exe". The window has a black background with white text. The text displayed is as follows:

```
C:\WINDOWS\system32\cmd.exe
Please enter a integer (0-9999) and I will print the
reverse of that number: 348

The reverse of your number is: 843

Press any key to continue . . .
```



A screenshot of a Windows command prompt window titled "C:\WINDOWS\system32\cmd.exe". The window has a black background with white text. The text displayed is as follows:

```
C:\WINDOWS\system32\cmd.exe
Please enter a integer (0-9999) and I will print the
reverse of that number: 3746

The reverse of your number is: 6473

Press any key to continue . . .
```