IT 210 Programming Assignment 1 – Due Friday, September 25 at 11:59 pm

This Programming assignment is exactly P4.33.

Make your output look just like this. I will check with other 8-digit numbers. The output below is from two runs. DO NOT loop to do multiple 8-digit numbers in a single run. It is possible to do this assignment without using loops at all, however, your solution MUST use loops to calculate the sums.

```
Enter an 8–digit credit card number: 12345678
The number is not valid.  The check digit should be:  4

Enter an 8–digit credit card number: 12345674
That number is valid.
```

Submit your program to the designated D2L drop box. Your program should be named **PA1.py**. For programming assignments, early submissions gain a bonus percent: 1 day early – 10%; 3 or more days early – 20%.