## Problem 3 version 2

In this version I am using math instead of parsing a string.

Algorithm: 1) prompt the user for a 5 digit whole number

2) capture the number in inputNumber type = int

3) declare variables to hold the digits of the input num1, num2, num3, num4, num5 type = int

4) if inputNumber > 99,999

print an error and END

else

num1 = inputNumber / 10000

num2 = (inputNumber % 10000) / 1000

num3 = (inputNumber % 1000) / 100

num4 = (inputNumber % 100) / 10

num5 = (inputNumber % 10)

5) print out num1, num2, num3, num4, num5 seperated by tabs

