FINDING THE SINGLE DIGIT PROBLEM

This problem requires you to take a positive integer and add up all of the digits in that integer. If the answer is a single digit, you're finished. If it isn't, you do it again, and you keep doing it until your answer does become a single digit.

An input file, which must always be called onedigit.txt, may contain any number of positive integers, one per line. The sample output shows the exact form that your program's output must also produce.

Sample input data (onedigit.txt)

```
1234567
11
795
4
8897
123
987667
44441
999
```

Sample Output:

```
Sum of digits in 1234567 = 1
Sum of digits in 11 = 2
Sum of digits in 795 = 3
Sum of digits in 4 = 4
Sum of digits in 8897 = 5
Sum of digits in 123 = 6
Sum of digits in 987667 = 7
Sum of digits in 44441 = 8
Sum of digits in 999 = 9
```