

Title

Sum of digits of an integer: part 2

Problem Description

Have the user enter a positive inter, n. Output the integer less than or equal to n whose sum of digits is the highest, and output the sum. **Note: you should probably use your code for part 1 of this problem to help out.**

Testing

Test Input	Expected Output
1	1, 1
100	99, 18
121	99, 18
52	49, 13

Time Target: assuming you are re-using code from part 1

- *** less than 5 minutes
- ** 5-10 minutes
- * greater than 10 minutes

Section

loops