

Flowchart 1: determine the number of bulls and cows

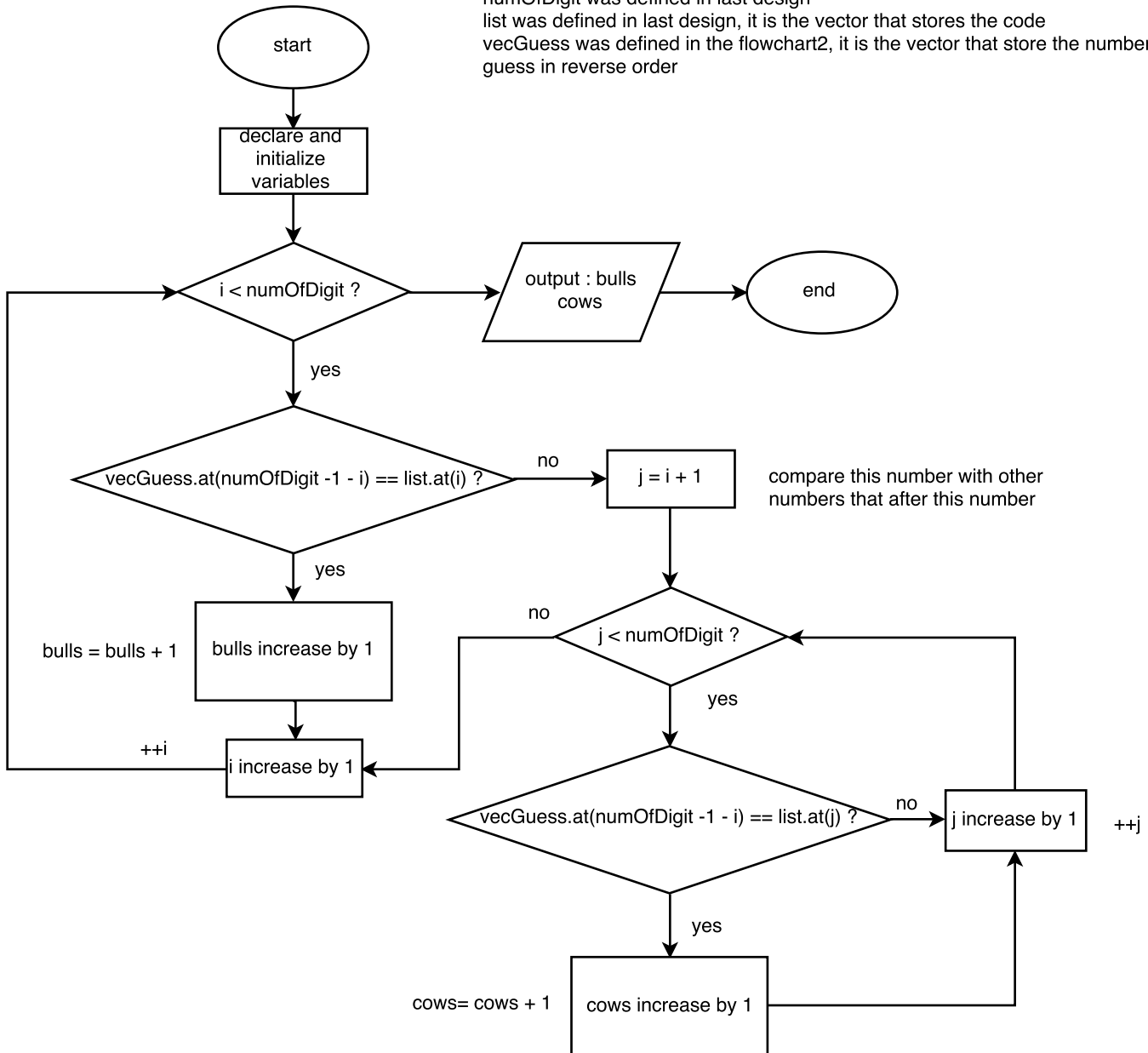
Assume the number user guess has already been processed and stored in the vector
vecGuess in reverse order.

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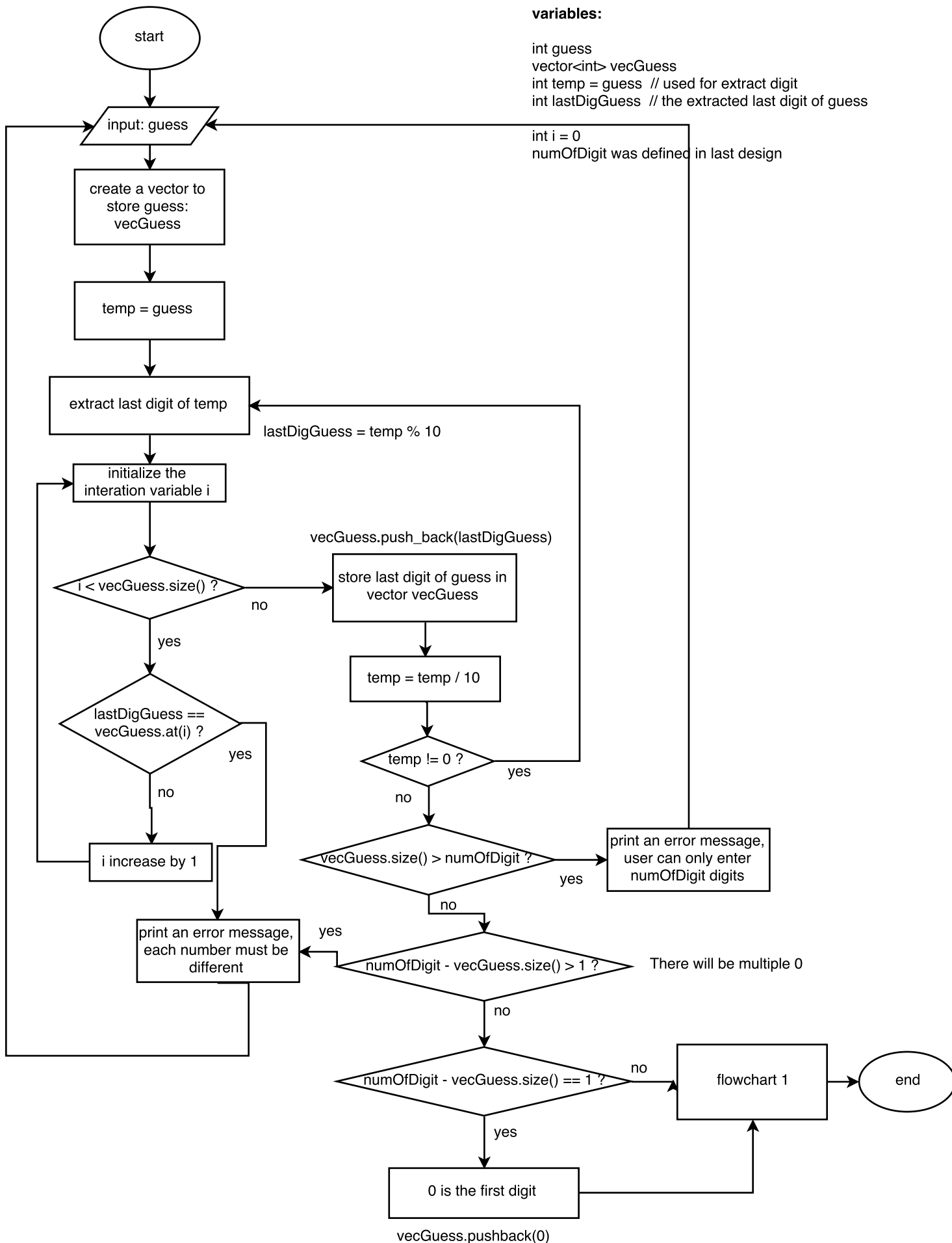
variables

int i = 0
int bulls = 0
int cows = 0

numOfDigit was defined in last design
list was defined in last design, it is the vector that stores the code
vecGuess was defined in the flowchart2, it is the vector that store the number user
guess in reverse order



Flowchart 2: get guess as an interger, check if it is valid and put it in a vector



Flowchart 3: output a code where each digit is held in a list

