Activity 2A

Consider the incomplete linear recursive code which sums the digits of an integer n:

```
lastDigit:: Int -> Int
lastDigit n = n `rem` 10

butLastDigit:: Int -> Int
butLastDigit n = n `div` 10

digitSum:: Int -> Int
digitSum n =  if n==0 then
                  _____
              else (_____) + digitSum  (_____)
```

Use example in the terminal:

> digitSum 173
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Use the substitution model on the example above so that you can see the winding and unwinding phases of the recursion.