

Recursion Problems

Discussion 6

Note

Most of these problems will require you to first import the “List Utilities” and “Words, sentences” libraries.

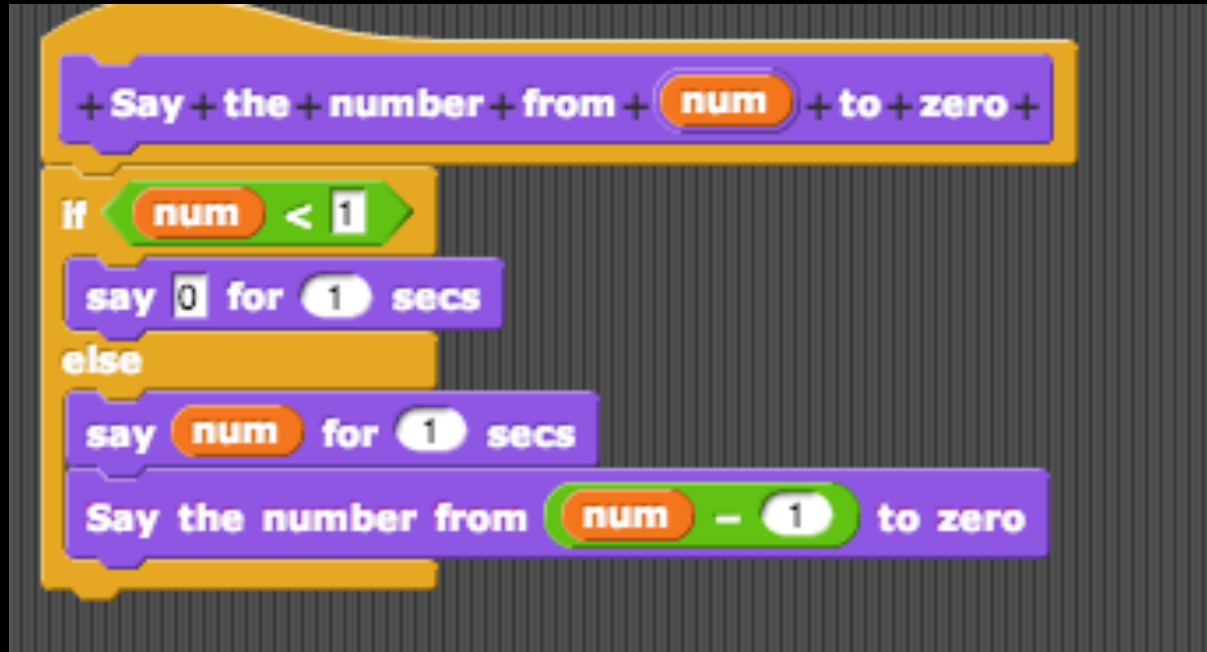
Say My Name, Say My Name

Write a block that says all numbers between an input number and 0

A purple Scratch 'Say the number from' block. The text 'Say the number from' is in white, followed by a text input field containing '20', and then 'to zero' in white. The block has a notch on the left side for interlocking with other code blocks.

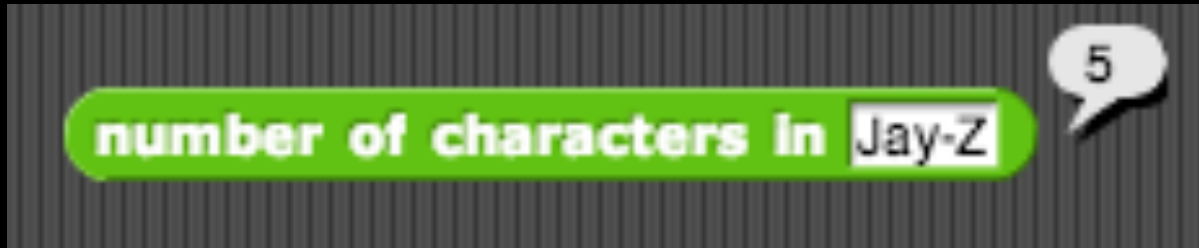
Say the number from 20 to zero

Say My Name, Say My Name



I Got 99 letters but a “B” ain’t one

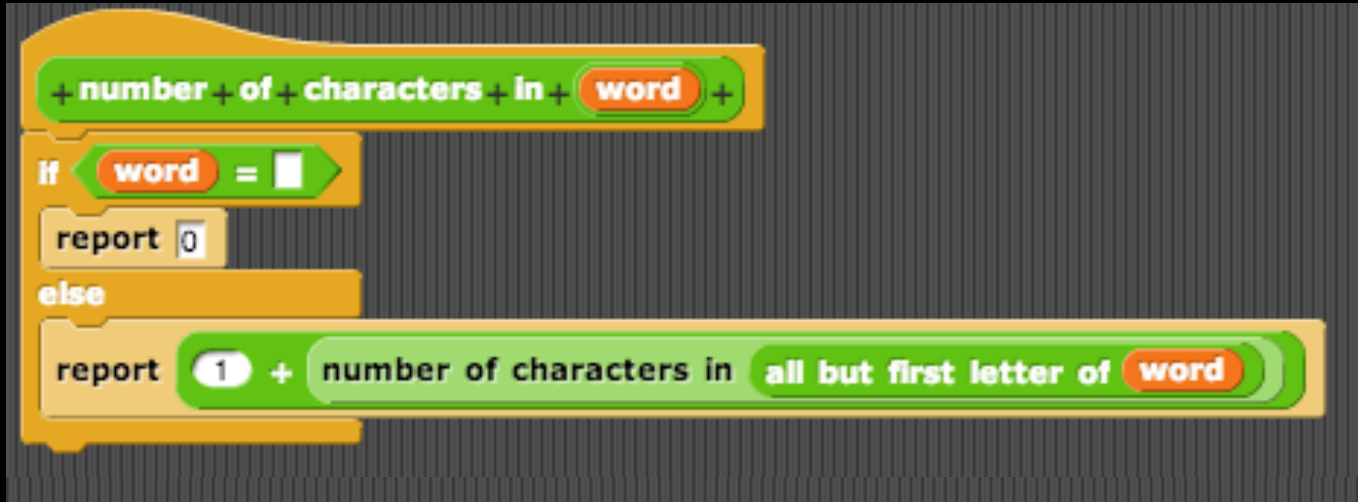
Given a word as input, find the number of characters in the word



HINT:

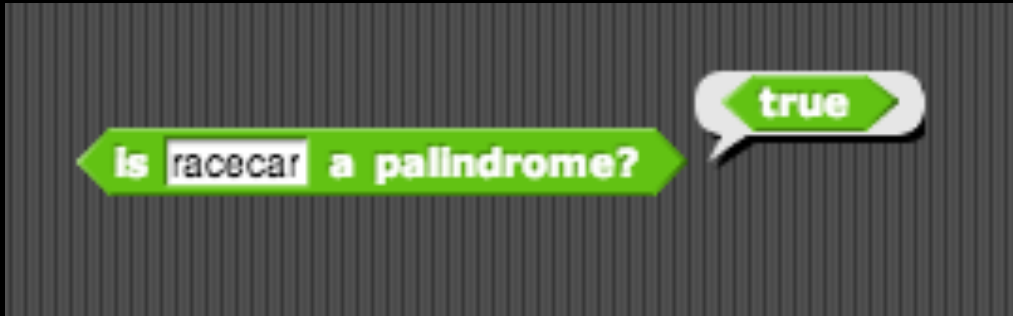


I Got 99 letters but a “B” ain’t one



O.N.I.F.C.F.I.N.O.

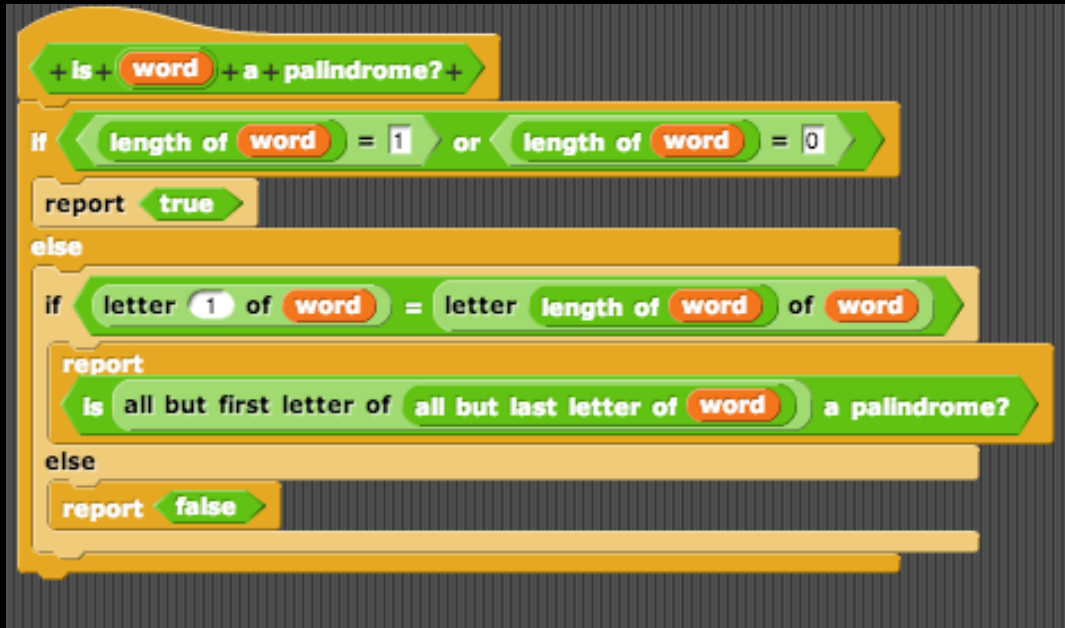
A palindrome is a word that is spelled the same way forwards and backwards (example: racecar). Given a word as input, report whether or not the word is a palindrome.



HINTS:



O.N.I.F.C.F.I.N.O.



Smack My List Up

Given a list as input, report the reverse of the list



HINTS:

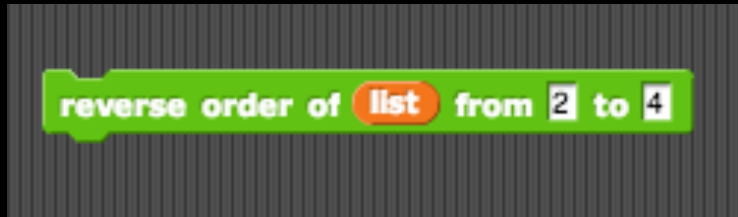


Smack My List Up



Smack (Part of) My List Up

Given a list, a minimum number and maximum number as input, reverse the order of the list, but only for items within the range of minimum to maximum.

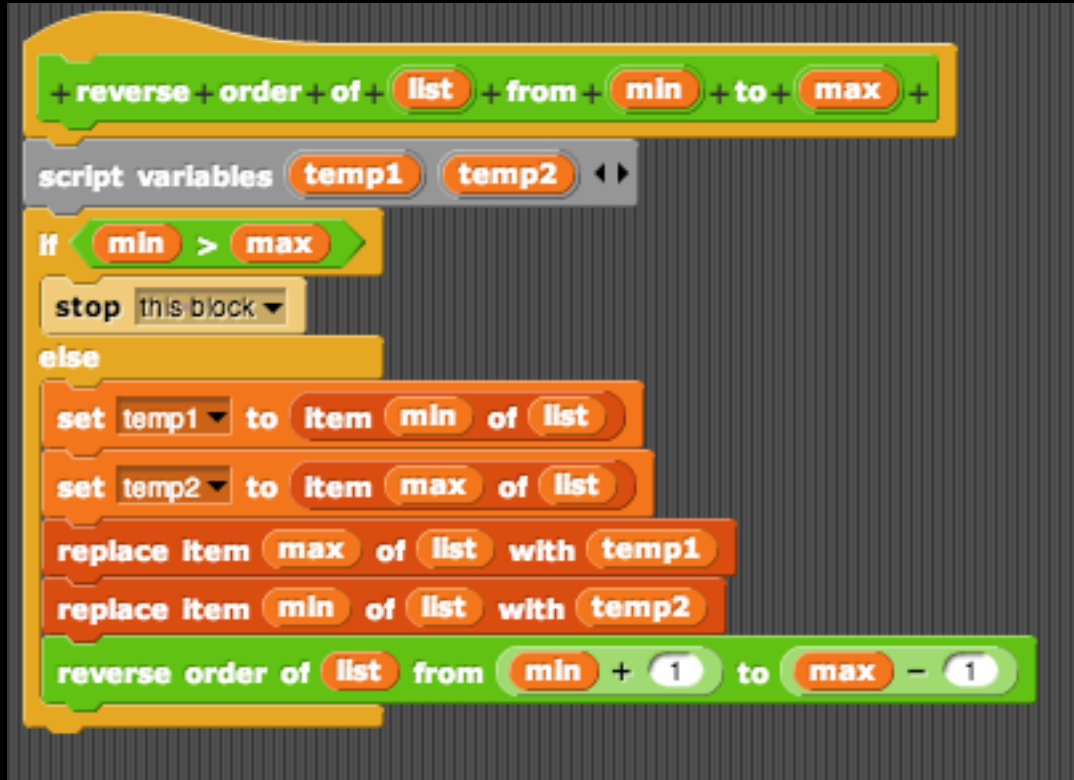


Original List



List After Block Call

Smack (Part of) My List Up



Report Length or Die Trying

Write the  block without using the built-in

Snap! block.

Report Length or Die Trying

