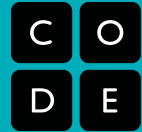


# word problem update-danger



Code.org CS in Algebra - Stage 12

**Directions:** Use the Design Recipe to write a function 'update-danger' which takes in the danger's x-coordinate and produces the next x-coordinate, which is 10 pixels to the left.

## Contract and Purpose Statement

*Every contract has three parts...*

\_\_\_\_\_ : \_\_\_\_\_ -> \_\_\_\_\_  
*function name* *domain* *range*

\_\_\_\_\_ *what does the function do?*

## Examples

*Write some examples for your function in action...*

**Example:** \_\_\_\_\_ ( \_\_\_\_\_ ) = \_\_\_\_\_  
*function name* *input(s)* *what the function produces*

**Example:** \_\_\_\_\_ ( \_\_\_\_\_ ) = \_\_\_\_\_  
*function name* *input(s)* *what the function produces*

## Definition

*Write the definition, giving variable names to all your input values*

**Define:** \_\_\_\_\_ ( \_\_\_\_\_ ) = \_\_\_\_\_  
*function name* *variables*

\_\_\_\_\_ *what the function does with those variables*