

Word Problem: taller-than

Write a function called *taller-than*, which consumes two CakeTypes, and produces true if the number of layers in the first CakeType is greater than the number of layers in the second.

Contract+Purpose Statement

taller-than :: CakeType, CakeType → Boolean

Consumes 2 CakeTypes, produces true if the first CakeType has more layers than the second

Give Examples

Write examples of your function in action

examples: a-cake1 taller-than (birthday-cake, chocolate-cake) is

the user types...

a-cake1 birthday-cake.layers > a-cake2 chocolate-cake.layers

...which should become

a-cake1 taller-than (strawberry-cake, pb-cake) is

the user types...

a-cake1 strawberry-cake.layers > a-cake2 pb-cake.layers

...which should become

end

Function

Circle the changes in the examples, and name the variables.

Write the code, copying everything that isn't circled, and using names where you find variables!

fun taller-than (a-cake1, a-cake2) :

a-cake1.layers > a-cake2.layers

end