

Reminder: Please keep the middle part of the classroom “device free”

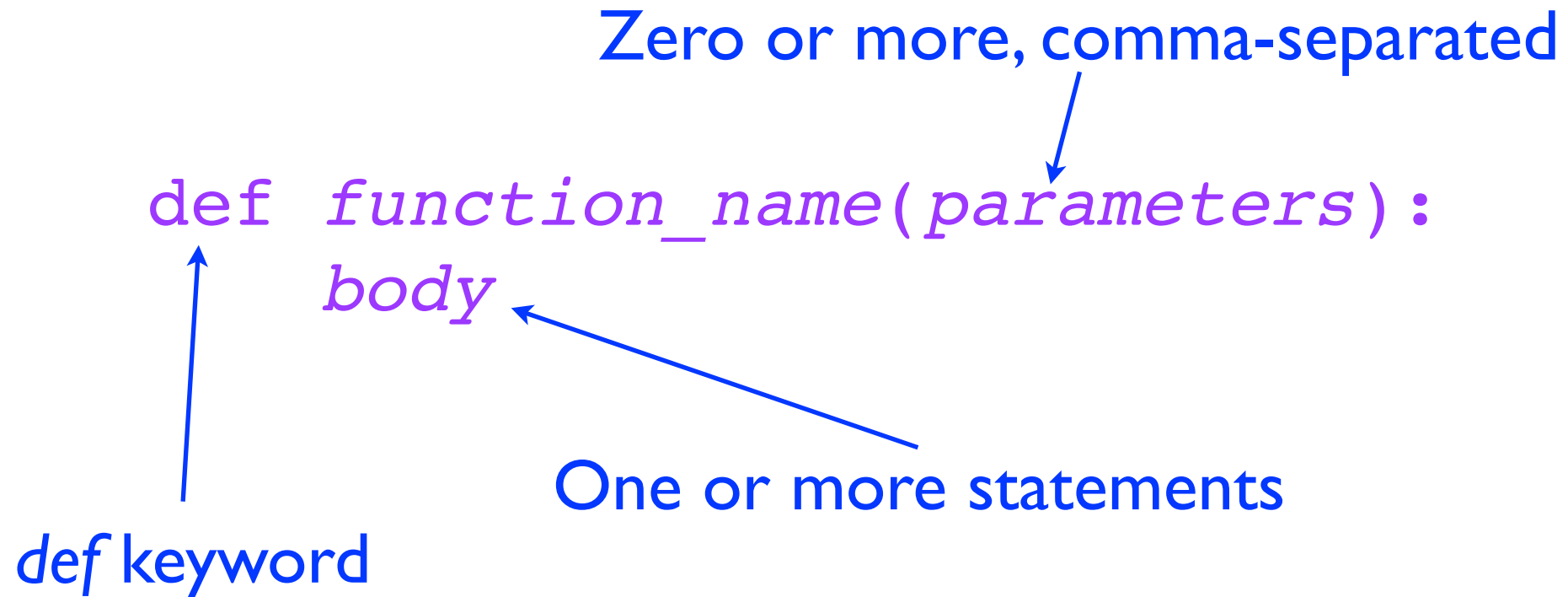
If you wish to use a laptop, move to the sides or back.

Coming Up

- AI has been posted: please start now!
- Wednesday: Functions, revisited
- Thursday @ 10: Wed Review and Fri Prep due
- Friday: Function design recipes
- Sunday @ 10: Fri Review, Mon Prep, Week 2 Exercise due
- Monday: If-statements

Any burning questions
before we start?

Function Definition



Function Call

Form: zero or more, comma-separated

function_name(arguments)



How it's executed:

1. Each argument is an expression. Evaluate these expressions, in order. (The value of each expression is a memory address.)
2. Store those memory addresses in the corresponding parameters.
3. Execute the body of the function.

Return Statement

Form:

`return expression`

How it's executed:

1. Evaluate the expression. (The value of the expression is a memory address.)
2. Exit the function, using that memory address as the value of the function call.

NB: The function ends *immediately*. Any remaining statements in it are not executed.