(9) These variables get allocated beforehand, in the global region.
(before runtime, during execution)

(10) # From that point on, variables are allocated as per need.

STACK

(13) This is the (stack) heap region of memory

(11) At compile time, compiler does NOT know what gets placed here.

(12) These are determined at runtime.

Stores a procedure's

(14) fn's variables when u invoke the procedure. ————— e.g.

(15) when you invoke main(),

vars only accesible to fn main.

all variables defined inside the fn() are declared here.