

MEMORY CITY ADVENTURES

Exploring RAM, Stack & Heap



Join me!



The place buzzes with energy...

Wow... this city
is alive!

WELCOME TO RAM CITY

RAM City....? Like
computer memory RAM?

They're so
fast!

This is RAM —
Random Access Memory.
Fast, close to the CPU,
always busy.

Hey! The buildings disappeared!

variable = 10

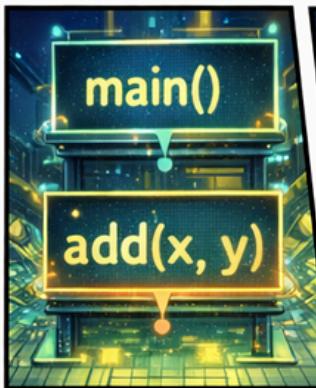
7

PROGRAM ENDING...

Cleanup time!

STACK
TOWER

NEXT: THE STACK TOWER...



A program starts running...



RAM holds everything the program is using.



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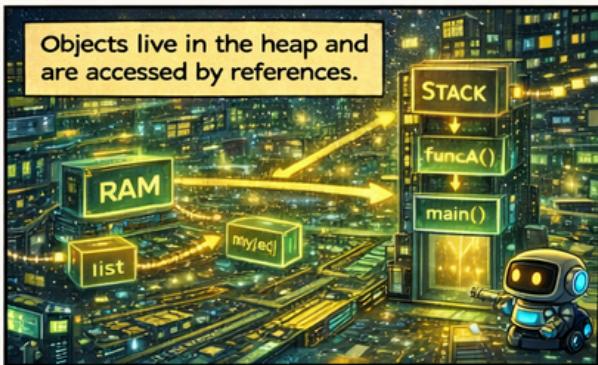


The stack manages function calls, one on top of another.



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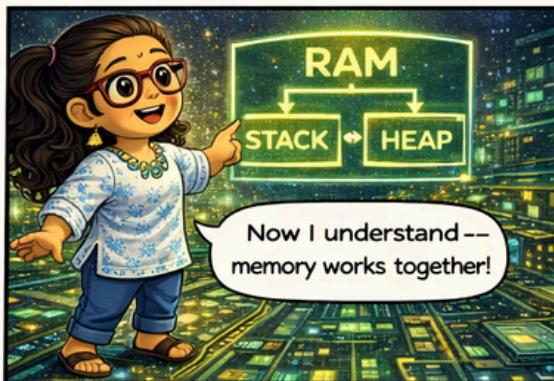
Objects live in the heap and are accessed by references.



Stack and heap work together inside RAM.



All temporary memory is released.



A Sriju Comic



Curiosity Lives Here!

Stories that smile back at you