Volative Memory

Stack > outsmatic allocation of global variables

> organized as last-in-first-out (LIFO) system

heap > allocated explicitly by programmer

Veg. malloc() function

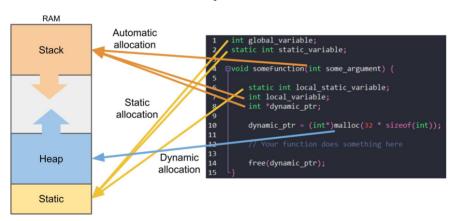
> and dynamic allocation

> must manually deallocate beep for languages who garbage collecting system as c/Ct+

Vegiliare results in memory leak

stack & heap you towards each other) if left uncheehed, could allide & overwrite each other data

Memory Allocation

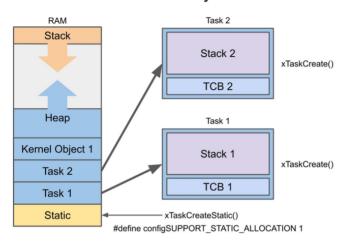


Okakia wa awa mujia wa adiƙan akawima whahali wawiahhaa awadi wawiahhaa daai wa kata da

· Crease to su in Free RTUS

I the O.s. allocates a section of heap memory for the task

RTOS Memory Allocation



Task control Block -> stores info about task eg. its privity I local stack pointer (TCB)

- low variables created during for alls within a task are posted to the task's local stack
- Just pu Part Mallol () & vPort Free ()