Main

inbox : MaxHeap()

main() : int
parseCommand(line : char[]): void
calculatePriority(sender :char[], date:: char[]): int

MaxHeap

heap: Email*
sixe: int
capacity: int

insert(email: Email) : void
heap_init(email Email): void
heap_peak((Heap) : Email
heap_pop(Heap) : Email

Email

senderCategory : enum
subject : char[]
date: char[]
priority : int