

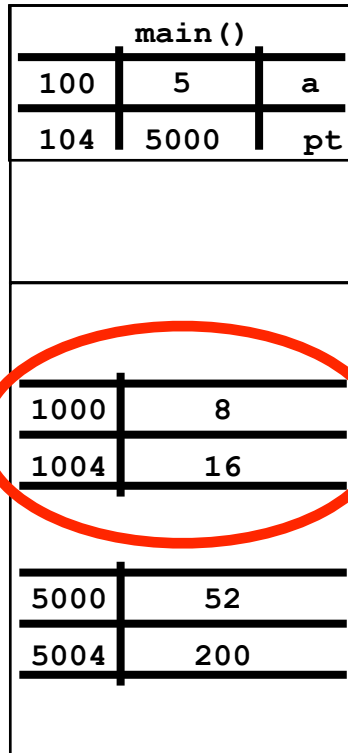
RAM

stack

Memória perdida
Memory Leak

heap or
dynamic memory

main()		
100	5	a
104	5000	pt
1000	8	
1004	16	
5000	52	
5004	200	



The diagram illustrates the RAM memory layout. It is divided into two main sections: the stack and the heap or dynamic memory. The stack section contains a function frame for 'main()' with variables 'a' and 'pt'. The heap or dynamic memory section contains three blocks of memory. A red oval highlights the first two blocks of the heap, indicating a memory leak. An arrow points from the 'pt' variable in the stack to the first block of the heap, suggesting that the pointer 'pt' points to memory that has been freed or is otherwise unreachable, leading to a memory leak.