

# malloc

Thursday, 7 April 2022

11:24 AM

*create\_student*  
returns pointer to  
struct student stored  
in the *heap*

## STACK

main

struct student \*  
0xf00

*create\_student*

struct student \*  
0xf00

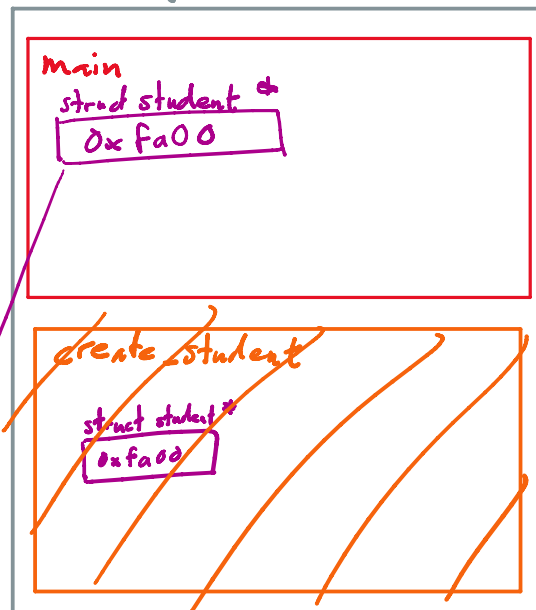
## HEAP

struct student

zID  
mark  
name Tom  
next  
0xf00

Memory for `create_student` is deleted, but the `heap` is preserved.

## STACK



## HEAP

