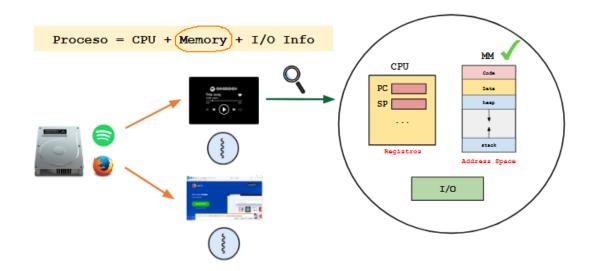
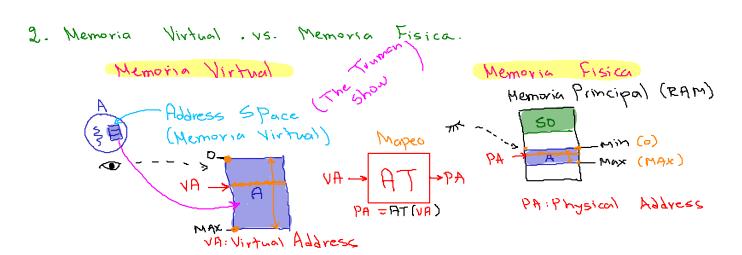
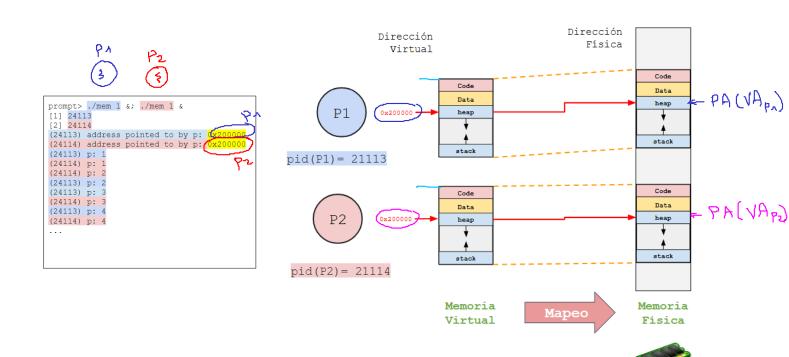
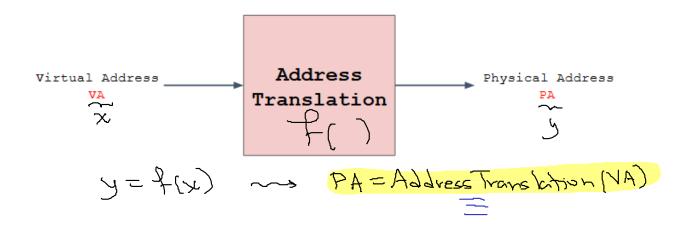
09/09/2025 - Sistemas Operativos (Ude@)

1. Proceso:



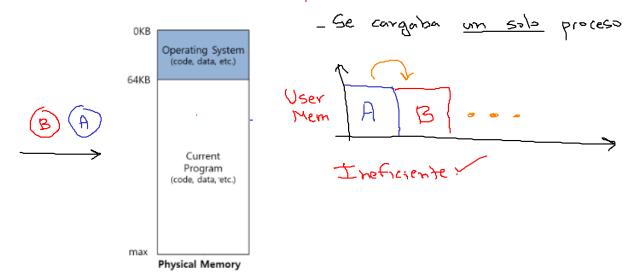




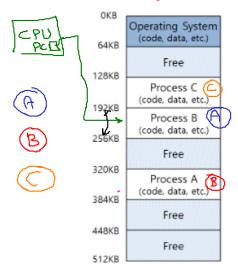


4. Evolucion de los Sistemas Operativos en cuanto al manejo de memoria

* Primeros Sistemas operatios:



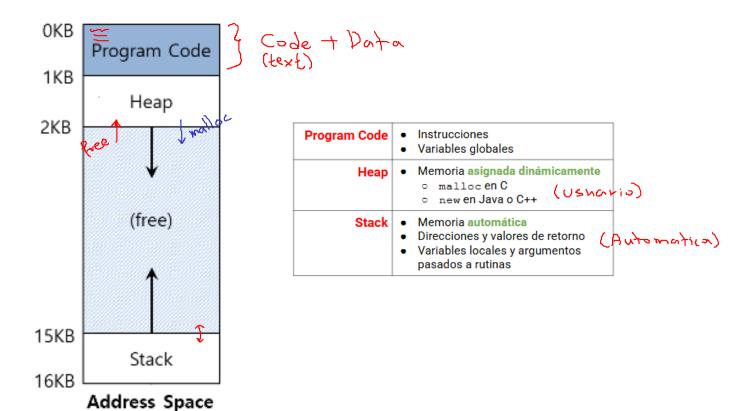
* Multiprogramacion:



Physical Memory

- Se cargan varios procesos en memoria
 - 1 Utilización
 - 1 Eficiencia

* Protection

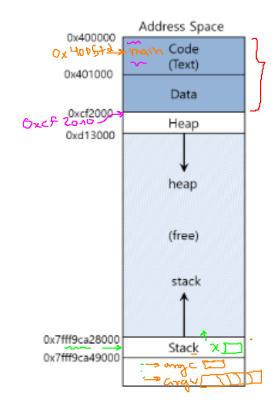


```
#include <stdio.h>
#include <stdib.h>

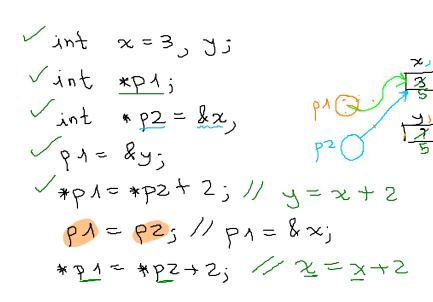
int main(int argc, char *argv[]) {
    printf("location of code : %p\n", (void *) main];
    printf("location of heap : %p\n", (void *) mailoc(1));
    int x = 3; // {occ\}
    printf("location of stack : %p\n", (void *) &x);
    return x;
}
```

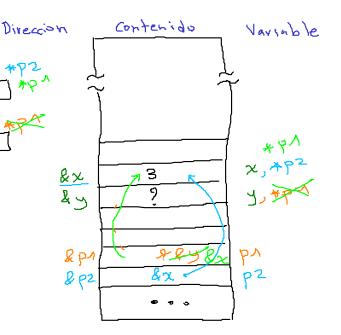
location of code : 0x40057d location of heap : 0xcf2010 location of stack : 0x7fff9ca45fcc

The output in 64-bit Linux machine



6. API de memoria





Problemas:

Problemos: