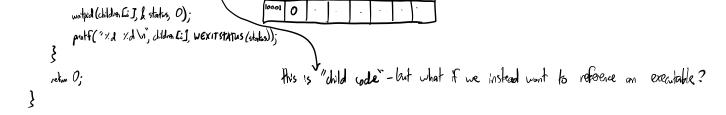
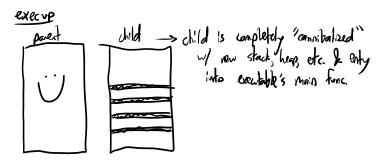
```
today
    Fork
    waitpid
                                                    returns 0 for child ble child
    exerup
                                                       can just call getpid() for its
         how now executates introduced into system
From wednesday: Fork() -
    data structure related is deep (memory) independent but identical clone
        file descriptors assembly code instruction identical
            - Fack.) !Self" is not a blockup system call -> talking about fine slice" a process is allotted on a CPU
    parent process waits for child
         only direct posent, not ground papent
   waitped (pid, kstatus, 0),
                   La int status is a 32-bit vector incl. things like exit status
                                                                       L-WEXITSTATUS (stotus);
another example Char deep the Clone is):
    int main () }
        print ("one time. In")
        pid_t pid = fork();
        bool parent = pid > 0;
        if ((rondon () ), Z == 0) == povent) 3 //rondom num generates some exact # in povent & child! seed is the some (replicated in fork call)
                                           I can flip - who gets to map, pased or child?
         printf (" In the parent. In);
        if (purest) wortened (pid, NULL, O);
        return O;
    I see example code in lecture shides (this code is slightly many - would be the point necessity postry "In the point")
int main (-) }
    for (size t i=0; i 28; i++) }
        pid_t pid = fork(); //rot storny pids anywhor!
        f (pid == 0) return 110+i;
    for (see t := 0; 148; 1++) {
        pid_t pid = welpid (-1, & status, O);
        postf (" Uhld 1/d exted
             with code % d. ln"
                                  without retire plot of child that retired
            pid WEXITSTATUS (statis)); I says wat for any dild to faish
                                      voited is what deallocates process control block
now, been track of dilden spared In order:
    int main (->) {
                                                              9996
        pid_t children[8]; —
        for (stee_t i=0; 148; 1++) }
              children [:] = fork();
             if (dildren [i]==0) return 110+i;
                                                          1000
        for (stee_t i=0; i48; i++) }
                                                          10002
              int status;
```





int execup (lanst that \* pathiname, that \* arg v []);
returns -1 if executable fails

does not return if executable increeds - b/c everything has been killed off incl. call to execup