```
int
hab tricks
               char * args = malloc (50);
                                                   int no
                                                  seart ("% 1", & n);
Taking input:
              scanf ("%s", args);
               execv (args, NULL); - execv.
                                     fork () -> relums pid of child for parent, 0
 (int) getpid() - pid
                                               otherwise
 (int) geoppid() = pid of parent
                                     wait (NULL); - waits for ehild to die.
using execy:
                                     Using Pipe:
                                                                       (Reun)
                                                     (sendar)
 Scanf ( "%s", args);
                                     int for 651 ?
                                                     int c;
                                                                     read (fd [0], & but,
  re storkell;
                                                     write/fd[1], ec,
                                      int but;
                                                                         Size of (but)
   if (rc = =0) execv (args, NULL);
                                                      6120 of (c));
                                      pipe (td);
                                      (setup)
   wait (NVLL);
Program states: R (running), D (uninterruptable /eleep), S (interruptable sleep), T (stopped), Z (rambie)
Headers: stdio.h, unistd.h, stdlib.h, time.h, sys/types.h, sys/wait.h, math.h, string.h
#include<>
File handling
                                                  if (rd-fd == -1) {
Open: rd_fd = open ("in.txt", O_RDONLY)
                                                       11 fail.
write: wr_fd = open ("out.txt", O_CREAT D_RDWR, S_TRWXU);
                                                                  //creates file if not
                                                                       existent.
char buff [1];
 Transferring data: while (n = read (rd-fd, buff, 1)) {
                                                            · c lib + like scant, printf
                        write (wr_td, buff,n); }
                                                             work with modified fd as
 fd = 0 (STDIN), 1 (STDOUT)
dup2(fd1,fd2) -> duplicates fd1 to fd2, i.e. fd2 loses original + ?
Status = execup (comm[0], comm) > comm = list of executable starge
Bignal handling: (Quit) - if (SIGNAL = = (3) exit(0);
                                                       world signal-handler (int SIGNAL)!
 Signal (SIGINT/SIGKILL/SIGTERM, Signal_handler)
                                                              11 do whatever
        ctrl+C
 kill (getpidC), SIGTERM);
               signal through which it's corried.
chdir ( path) -- call in the parent process instead of upual execu in child.
```

