1. Program to emulate Unix la command #unclude <5td10.12 # enclude < 8ys / hypes. h> # enclude (unista.h) # enclude < string h int main (int arge, chai " argv[] } if large <3 | large >4 | large == 422 strenglargy [1]; "-5"]) partf("Usage: la/out [-s] < org-file > < new_ link > \n"); 4 (Lege = = 4) { 4 ((Pymlink (agr [2], arg v [3])) = = -1) prof ("cound create a symbolic dink In"); print of ("Symbolic time created: 10"); elsel if ((link (org v[1], arg v[2])) = =-1) printf (" carnot ereste hard dakan"); point (C' Hard link created in "); return 0; read ad 1119 on-in some from the and codi gcc Ireamond.c · 1a-out (2 1) [.]] [] [] [] 173 WM - 0888 - 011 - 914 - 93 WMG . la. out l. c . 1a. out -8 1 a. c 22 481 112163 1334 19

Symbolic link creaked

x [(2) x] 210] = 1219 = 212402 = 20x

a Program that points POSIX defined configuration & options supported on any system very feature test macros #defre _POSIX_SOURCE #defre _ POSIX_C SOURCE_ 1993092 # enclude (stdio.h) # include < unistd. b unt main () { #ufder _ POSIX_ JOB_ CONTROL point ("bystem supports job control In"); print (" bystem does not support job control ("); Or buy Inmit of 1910000 # ufder - POSIX_SAVED_IDS pant (bystem supports saved set UID & saved set GID" print (" hystem does not support saved set VID & soved set (10"); # else # endy # ydel # mounds care (H) 659. NJ - POSIX - CHOWN - RESTRICTED TA NA VU , LOSIX CHOMY post (" chown restricted option REGIRICIED) pronty ("bystern does not support charm restricted ofhan"); # else En courses elever to Dendy EN. 026+63 station of # ufder - POS IX - CRION NO FRUNC prat l'Pathneme trune ophon is 1.d m", Posix No Trunc! (Edso) pud sons # else part (" System does not support often wide pateriene The serve deliver to spirit # end of # of def pontil "Discole conceder for terminal files is "d'in",

POSIX_NDISABLE); prot ("bysten does not support 1061x "DISABLE IN")

#endy return o OIP System supports job control
System supports set - UID & set-GID
Chown restricted southern Long - John Long - Long chown_restricted of how is I Pattinene (" of lovers do i bropped motogs") [tog knue olyon 191 Disable and some ten esalo materia"), tong character for tominal filed us D 201_03VA2_X1009 - febje # 3. Program which demonstrated enterprocess communication ble reeder a process & write process Use mufifo, open, reed, write, close API's # unclude < sys (hypes.n) PERS CHONING RESTRICTED # include & unistal.h beef (, erono roper 169 d # include (fentl. h) # include (sys/stat.h) # unclude (string. h) JANO R being for each watcher, through # unclude (eccno.h) # include < etdio. h> cher argy []){ int man (unt arge, site regation by he was soon enember) from cher buffasb]; orge!=3) { = { (argc ! = 2 & & & print / Luusane 1.8 < fle > [carg >] \n ", erg v [0]) return o') mkffolorgv[1], 8_16160 [S_1RWXU|S_1RWXG |S_1RWXO] " (orgc = = 2) { fd: open (argn[1], O. RPONLY O = NONBLOCK); while (reed (fd, by, 8, 20 of Cby)) Ett) 0);

else ?
fd = open (arg v [1], O-WRONLY); write (dd, argv[2], sk ln (argv[2])); y close (fd); Terminget thurd.c · la · out fifo 1 within is USP Every; CD 66" Terminal 2 4 rano. tevid.c. . la. out fifox two is usp Eamp; CD bomp P. John S.