36) Designa (iprogram to dae monive a process that logs their estrols with the help of block diagram. y Du Phoblem a daemon has is how to hardle ussal messages. It cout csimply Write to Standard Char, since it shouldn't have a controlling terminal. We dont want all the daemons writing to the console device de Cause on many Oworkstations the Console Ollice runs a Windowing System A central claemon ilros loggly facility is required. The BSD cryslog. I facility was debeloped at Berkoy & Ugas used in 4 2850.
The Syslog function is included in XSI option in () V single UNIX Specification. User Systog Process Systog /dev/Klog 1 FUPP Facility /dev/log 4204 5H4 Internet domain UNIX glomain datagreem datagram Socket Sochet

the finterface to this if a culity is tetrough the isspecies function: He include < systog. h > void openlog (const chart ident, cut option, but bacility) const clast perpetus const clast wint det log Grask (unt markpri); Ex: The find below Show use of file & record to skin cooky to ensure only to copy of down us huming #include / curistd u> #include < stdoib.h> Hinchole (fontly) # include (syst og us # include < strong h> Huchalo ce 9840. W Anchede (sedio 4> + include & eys & Statu # define lockfule "/ var/ run/ daemon pid # doffire lockhude (SIRUSRalis INUSIR SIRGELS IROTH Externo int De Lockfile (int);

int already huming (void) of int fol; chas buf [16]; d= open lockfill O-RDWRID (REAT, exit(1); Contopen 15:15;

exit(1); Contopen 15:15; if Lockfilo (fel) (0) of if (Stro == EACCESII elrno == EAGIAIN) close (fd); settum ; syst og (10 G ERR "(aut open 15:15",
lockfile, stressos (essuro)). Sprint (but, "Ald", (long) getpid() return o; Deach copy of dalmon tries to create a file surite its pro in the file. If file is already lockfile for the functor will Set to EACLES OS EAGIAIN, 80 We between 1, indicating volite PID & se tom O. Else trucate Tile