```
C program folking
                         Deparate Process
                           * include (sklip 67 pinclude (west of 4)
# Include < sys/types-h7
    Int moin ()
                          o detastructurae
       not ped;
         prd = fork(); 1 fork another procest 1
    of (proto) of 1 m error occurred+)
        fprintf (stoler, "fork failea");
        return 1; 7
    else if (pid ==0) { 1* child process*/
execlp(*'/hin/ls", "65", NULL);
     else (1* parent process 1 parent will wait for the child *)
         sait (NULL);
         prints ("Child Complete");
```

no busines library artirely in user space Chrany Kemel-level library supported by 05 Two general strategies for execting multiple threads. 1. Asynchronous threading 2. Synchronous threading Thread Ragram # inDude <pthread h> int siem; upich + runner (Noich * presum);

int main (intage, that & axyo[]) othered tid; if (ange 1=2) of printy (steer) " (sage: a out < int value) is); 1 (axprator (wofi) co){ Sprint (stders; "/ a ment be 70 10, abrillaguil) pthread attr-init (lattr); othread-create (&tid, butx, ninnex, cirgu [1]); Pthread join (fil , NULL); prints ("Sum = " It in", sum); void * runnex (void + parenem) inti, upper=atoi (param) Jox(1=1; i < upper; i++ phread exit(0);