application off of disk and run it. However before mit is started, this very first user process and mit is this very first user process

The PPID of every logic shell is always

of Aystem.

Init is very important process and a part from being parent of users shells, it is also responsible for giving birth to every service that's running in the system like printing mail

algorithm tinitle and terrettinis mithing who saw input - none tout tout tout out of many input - none tout tout tout out out out of many output - none tout of tout output output

fd = open ("etc/mitles", O-LR DONLY); while (line = read (fd, buffer))

( invoked Mate!, buffer storte)

continue;

if ( book () = = = )

Exect ("process specified in buffer");

3

```
while ((1d == wait ((mt *) 0)) 1=1)
        check here it a spawned child deed;
        consider responsing it
        otherwise , just continue;
              Arean of the mo
System calls for
 time (tloc)
    where floc points to a location in user
  process for the return value, time returns
   mis value from hystem car, too.
 times of all all prints
  retrieves the commulative times that
  the calling process apent executing in
   user mode and ternel mode and the
   cumulative times that all the zombie
   children had executed in user mode
   and kernel mode.
                          Atruct tous.
  times () Itales current piocess times in
        Struct tms &
          clock - + trus - Utme;
          clock -t trus - stime
   clock -t tms - cutime.
          clock - t trus - estimes.
```