int process\_nbr = N;

pid\_t parent\_pid = i;

volatile turn = 0;

while (true){

pid\_t turn\_pid = get\_pid() – parent\_pid;

while (turn\_pid != turn);

critical\_region()

turn = (turn + 1) % N;

noncritical\_region();

}

/\* process\_nbr and parent pid is given as N & i get the whose turn with turn\_pid variable. Set new turn after critical region with a circular way.

\*/