

Assignment 2

Description:

In this assignment make our thread and for synchronize using the tuple space.

For the scheduler:

- Create the Cpu clock.

- Add the coroutines in the queue.

- Receives signals and blocks or unblocks them.

- If terminate a coroutines and removes them from queue.

For the tuple space create:

- Init, destroy, match, bind_val, out, in

- In init function initialize the hash table.

- In destroy function destroy the not using node.

- In match function check the node about the type of value return 1 for success

- and 0 to not.

- In bind_val function copy the value to a one node to the another node.

- The out function put the values in to the tuple.

- The in function comes out the values into the tuple, using the “%” to the standard value and “?” to the unknown value.