

Real Time Group

מרכז להכשרות מקצועיות והשמה בתעשיית ההייטק

LESSON 10 –Shared Memory

Question 1

Write a program which creates 2 Processes; synchronize the 2 Processes using shared memory.

WriteThread() – writes a message to the shared segment and waits for read validation.

ReadThread() – reads the message from the shared segment and writes a validation

Question 2

Write a program which creates 10 Processes (fork away ☺); synchronize them using shared Memory.

Each process has to send a message to the next by the order they were created (1st process to 2nd process, 2nd to 3rd, etc).

Guideline:

Create a proprietary protocol to distinguish between the processes.

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רח' פחפסור שור 2 חולון טל: 050-3309319 / 077-7067057 פקס 0775067058

www.rt-ed.co.il