

# Real Time Group

מרכז להכשרות מקצועיות והשמה בתעשיית ההייטק

## LESSON 9 –Condition Variables

### Question 1

Write a program which creates 2 threads; synchronize them using Condition variables.

WriteThread() – writes a message to a shared file.

ReadThread() – reads the message from the shared file.

The read thread should not be run till the write thread has written its message.

### Question 2

Do question 1 using poling (none blocking wait function).

### Question 3

Do question 1 using 5 read threads and 1 write thread.

All read threads should be blocked waiting for the write event to happen.

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