

National Textile University

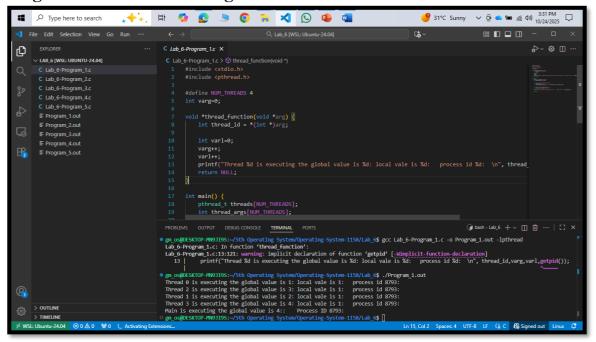
Department of Computer Science

Subject:	
Operating System	
Submitted to:	
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Submitted by:	
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Reg number:	
23-NTU-CS-1158	
Lab number:	
$6^{ m th}$	
Semester:	

The lab objective is to cover Peterson and Mutex concept.

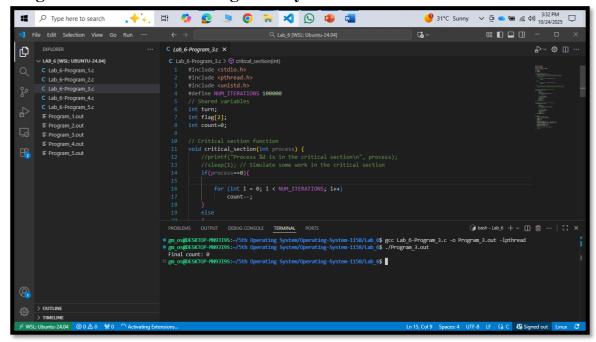
Peterson	Mutex
We use while loop of synchronization and iterations.	We use built in function p_thread_mutex_t object.
We must write each step in code.	We call the built in function instead of writing each line.
Its steps are:	

Program 1: Multi Threading.



Program 2: Multi-Processing.

Program 3: Multi-Processing with Synchronization solutions.



Program 4: Multi-Processing with Mutex.

