

## National Textile University **Department of Computer Science**

Subject:
Operating System
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Lab no.:
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Lab 5

In this lab we have seen the synchronization using Peterson's algorithm and Mutex approach

Peterson's Algorithm	Mutex Approach
<ul> <li>In this method we see that we must implement the whole code through manual coding and there is no built-in module for this purpose.</li> <li>It is just valid for two functions only.</li> </ul>	<ul> <li>Mutex is a built-in library of the c which has the feature to synchronize the processes. We have class pthread_mutex_t class to use methods like lock and unlock.</li> <li>It is just valid for multiple functions.</li> </ul>

