

NPTEL  
NPTEL ONLINE COURSE  
Discrete Mathematics  
Logic  
Introduction to OR operator  
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You see all the possibilities that I just enumerated. There was 0,0 there. That was the dangerous person. It's tough to handle him. So I put no, false meaning do not interact with him. 0. 0 and 0 means 0. He who knows not and knows not that he knows not is a fool surname. Fool, zero. Second one is completely harmless. The simple person 1 and 0. He knows. I am sorry, it's 0, 1. He doesn't know but he knows that he doesn't know. He is simple. Teach him. Harmless person. Put 1 there. You can handle him. Third one is 1,0 someone who knows but he is unaware of the fact that he knows. Okay. he is asleep, wake him up. Again harmless and it's your duty to go and wake him up. He has the content but he just needs a trigger. He is harmless again. Put a 1. The last one is an intellectual because he knows and he knows that he knows. 1 and 1 would be a 1. So do you see this table? Set of all possible truth and false assignments and some inference that we are making in the third column. The third column is actually called, there is a name for it, I am sure most of you even know it, an OR operator.

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