CS3243 Assignment 7

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Q3a

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| True | True | True | False | True |
| True | True | False | False | True |
| True | False | True | True | True |
| True | False | False | False | False |
| False | True | True | False | True |
| False | True | False | False | True |
| False | False | True | False | True |
| False | False | False | False | False |

KB if true: (True, False, True)

is true: (True, True, True), (True, True, False), (True, False, True), (False, True, True), (False, True, False), (False, False, True)

Q 3b

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| True | True | True | False | False |
| True | True | False | False | False |
| True | False | True | True | True |
| True | False | False | True | True |
| False | True | True | True | False |
| False | True | False | False | False |
| False | False | True | True | True |
| False | False | False | False | True |

KB if true: (True, False, True), (True, False, False), (False, True, True), (False, False, True)

is true: (True, False, True), (True, False, False), (False, False, True), (False, False, False)