COT 3100 In-class Exercise 2

Name:

USF ID:

Prove the logical equivalence:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| p | q |  |  |  |  |  |
| T | T | T | T | T | F | F |
| T | F | F | T | F | T | T |
| F | T | T | F | F | T | T |
| F | F | T | T | T | F | F |