**== LogicCircuit ==**

**Report**

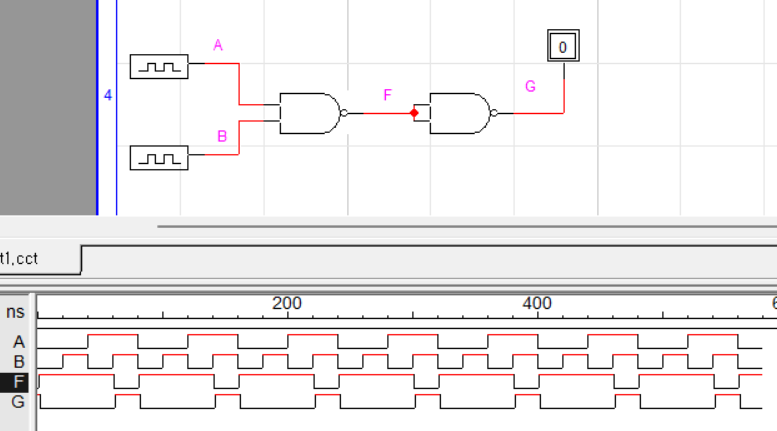
**<Assignment#2>**

**학과 :** 컴퓨터공학과

**학번 :** 20201100

**이름 :** 김태현

3-1.



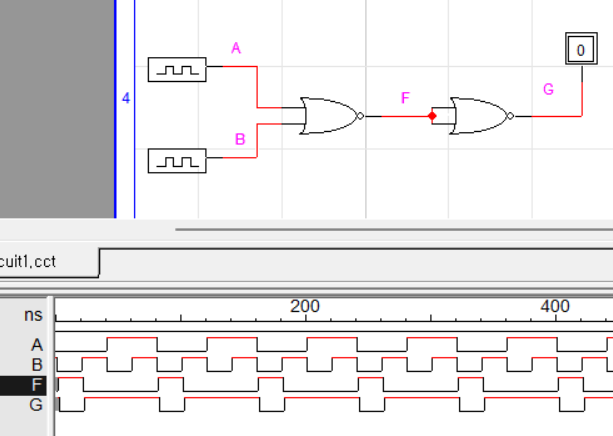
<논리식>

((A\*B)’)’ = A\*B

<진리표>

|  |  |  |  |
| --- | --- | --- | --- |
| A | B | F | G |
| 0 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 |
| 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 |

3-2.



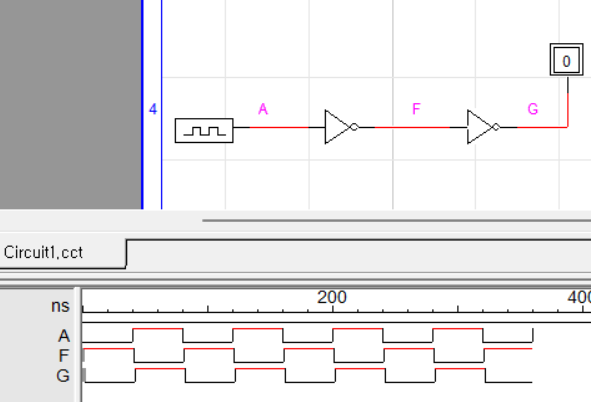
<논리식>

((A+B)’)’ = A+B

<진리표>

|  |  |  |  |
| --- | --- | --- | --- |
| A | B | F | G |
| 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 |
| 1 | 1 | 0 | 1 |

3-3.



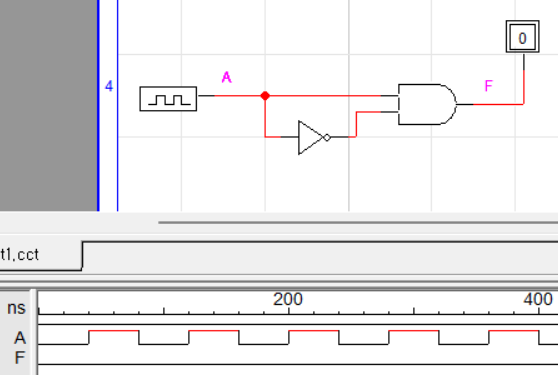
<논리식>

(A’)’ = A

<진리표>

|  |  |  |
| --- | --- | --- |
| A | F | G |
| 0 | 1 | 0 |
| 1 | 0 | 1 |

3-4.



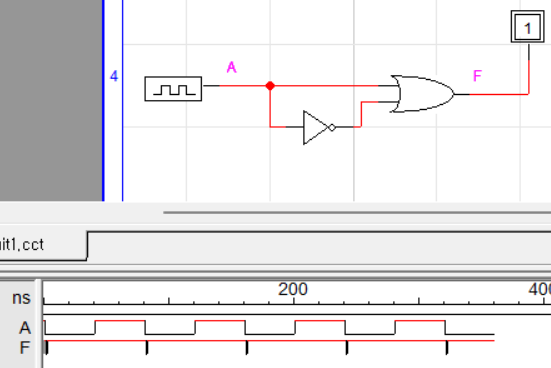
<논리식>

A\*A’ = 0

<진리표>

|  |  |
| --- | --- |
| A | F |
| 0 | 0 |
| 1 | 0 |

3-5.



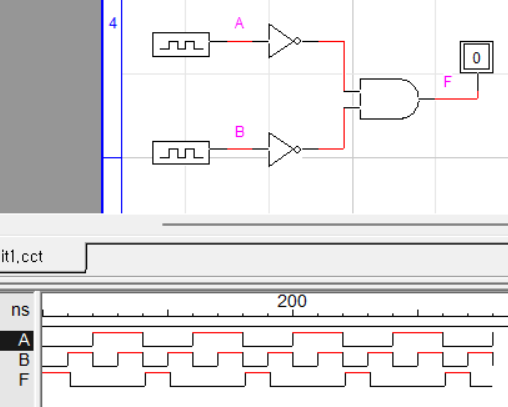
<논리식>

A+A’ = 1

<진리표>

|  |  |
| --- | --- |
| A | F |
| 0 | 1 |
| 1 | 1 |

3-6.



<논리식>

(A’\*B’) = (A\*B)’

<진리표>

|  |  |  |
| --- | --- | --- |
| A | B | F |
| 0 | 0 | 1 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 0 |