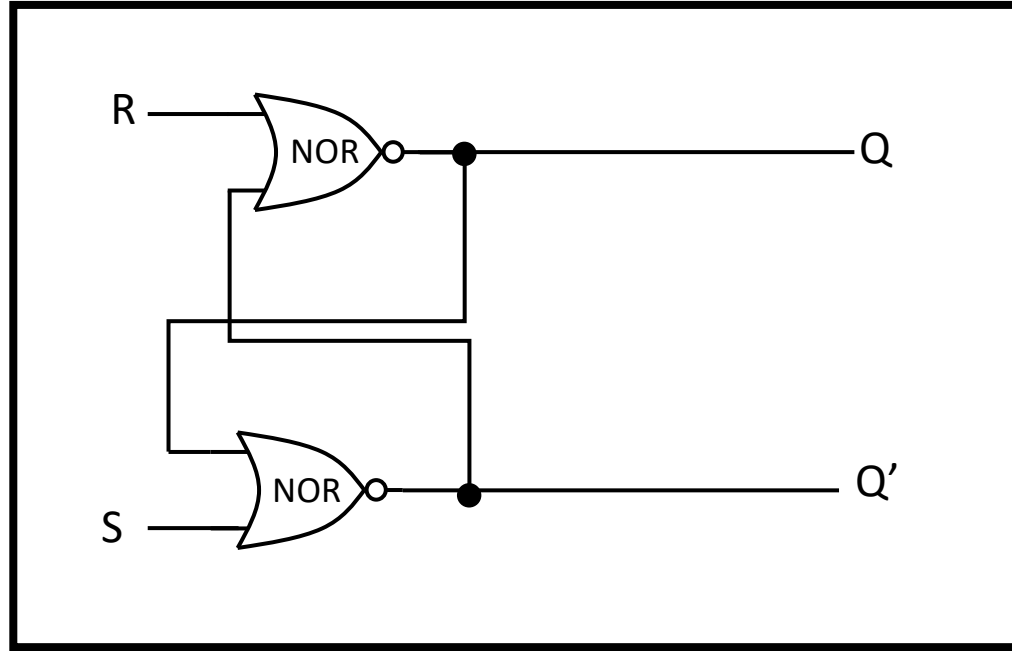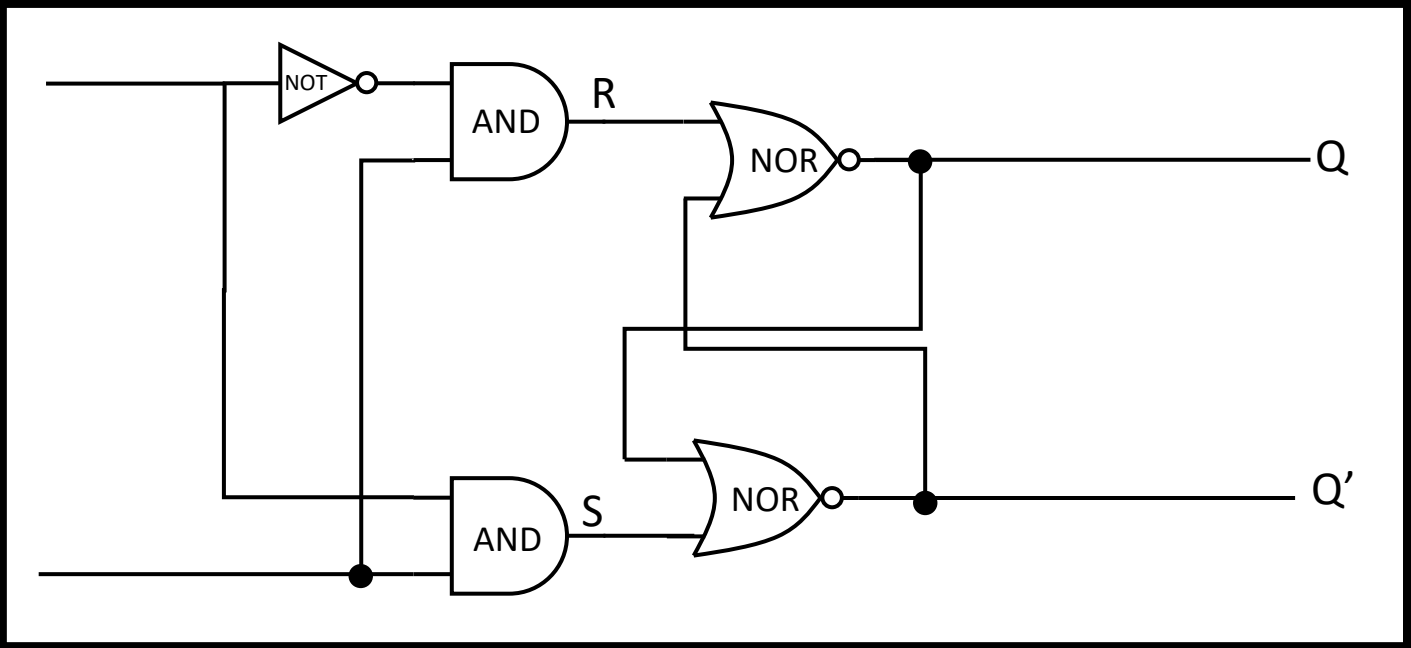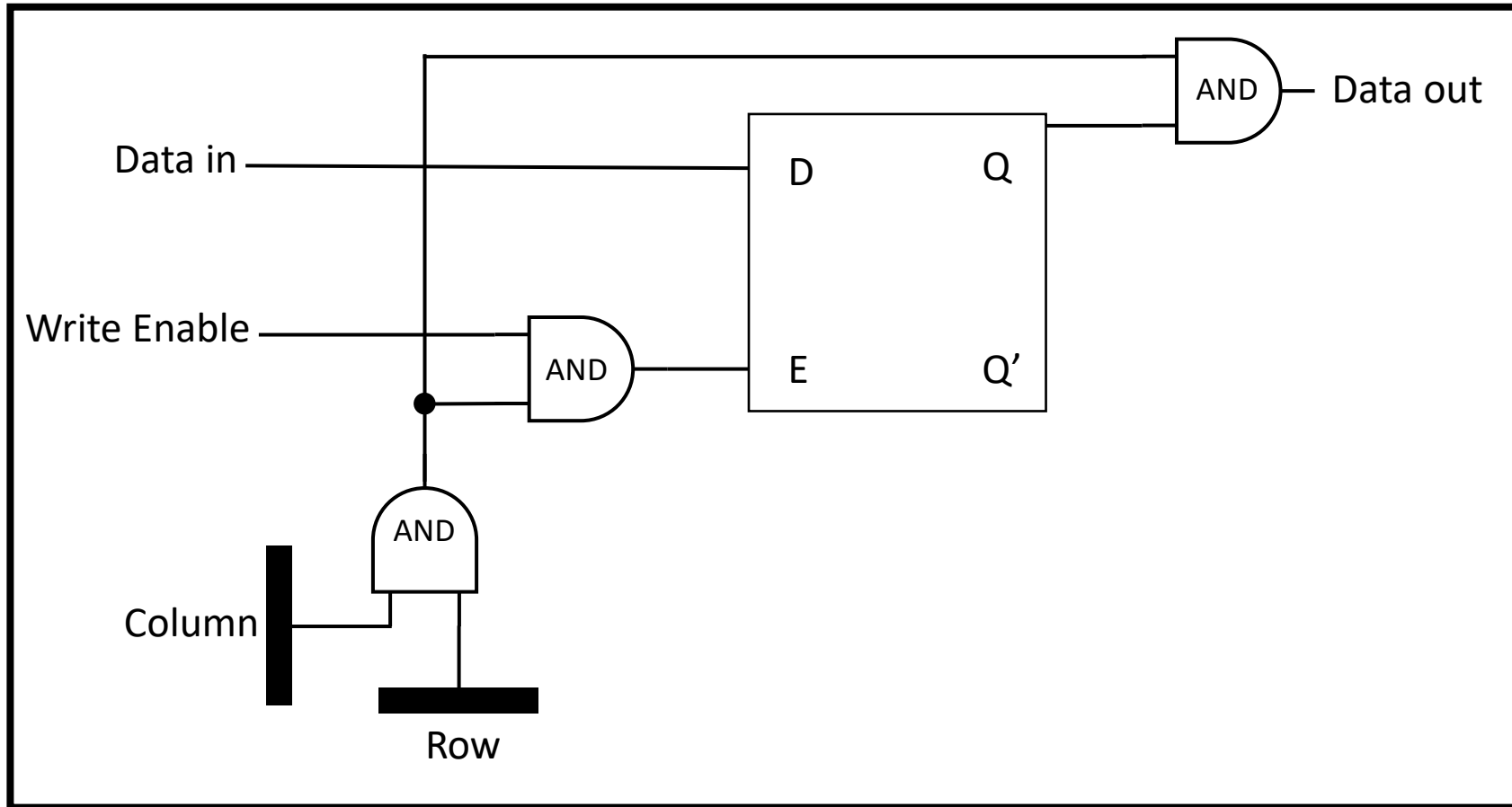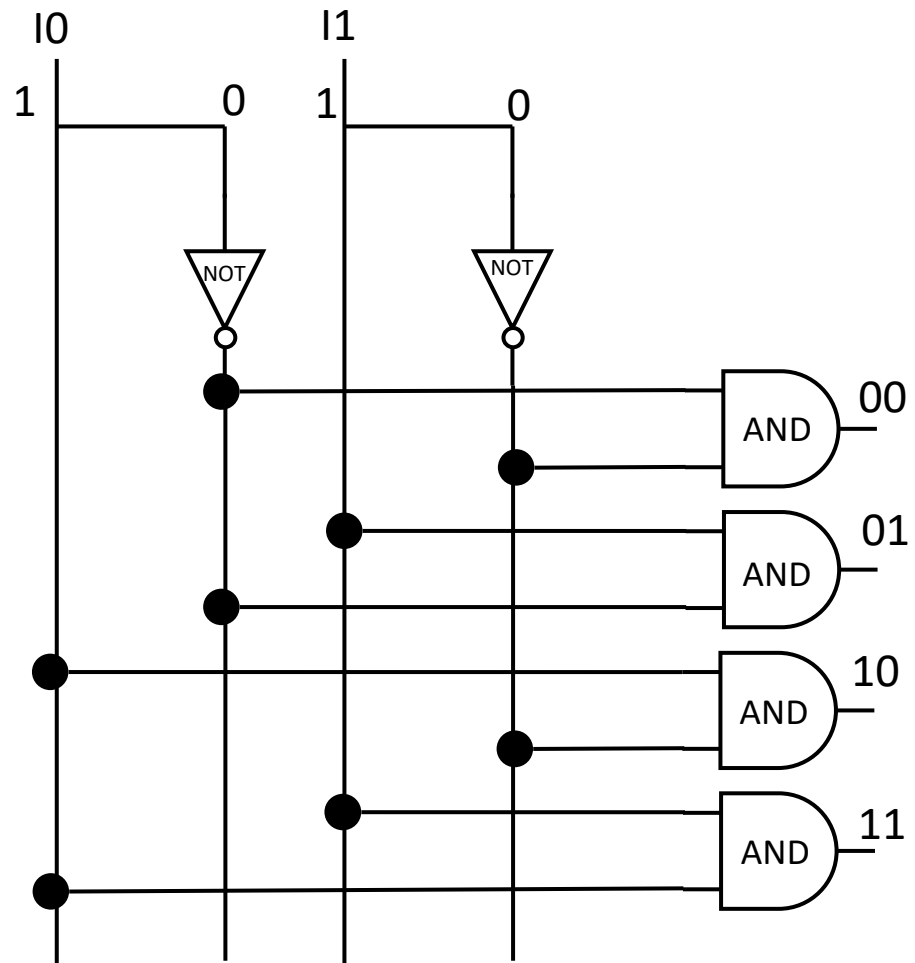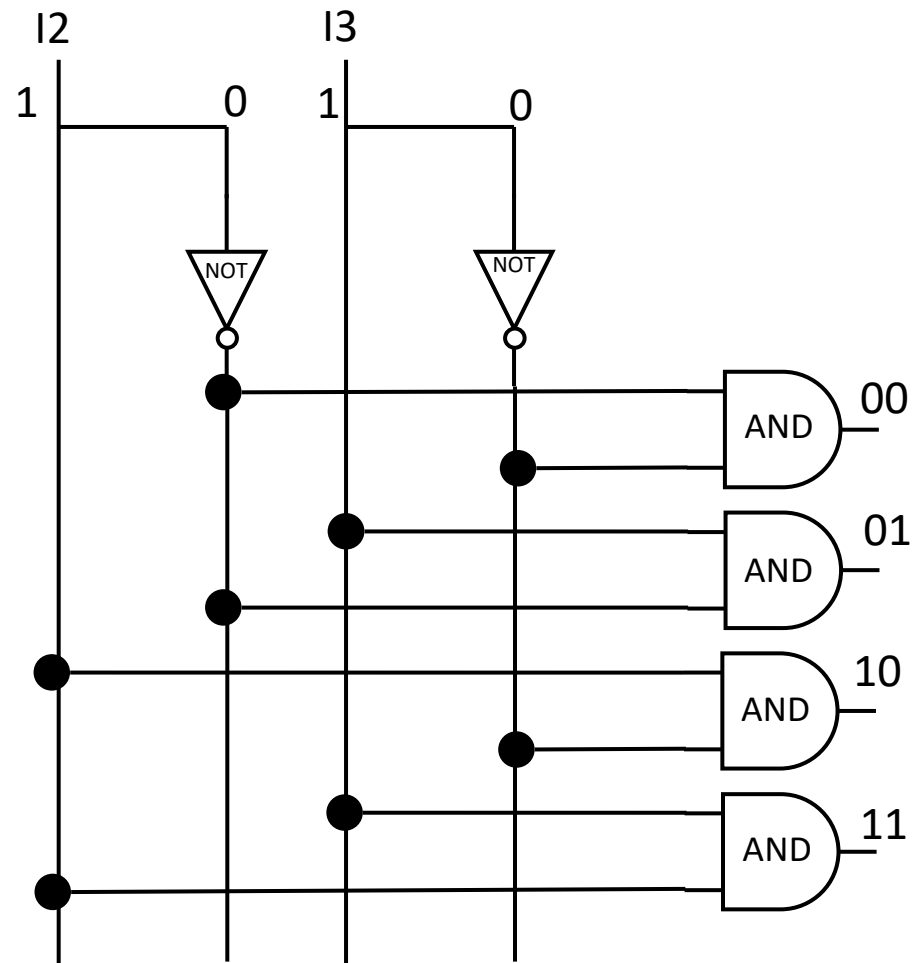# RS Flip-Flop

Data Flip-Flop

1-bit storage element

ROW

Column

Address

2 Bit Decoder

2 Bit Decoder

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

| C | 1 Bit | DOUT |
| DIN | | WE |

DATA Out

DATA IN

WRITE ENABLE