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Lab 3



 Truth Table Observations:

 When the two inputs are identical the output of Z becomes low which is the active position for the LED which turns it on. Having the inputs different results in a high output which turns the LED off.

|  |  |  |  |
| --- | --- | --- | --- |
| A | B | Z | LED |
| 0 | 0 | 1 | On |
| 0 | 1 | 0 | Off |
| 1 | 0 | 0 | Off |
| 1 | 1 | 1 | on |