***Activity 2 : Two-way switch***

Determine the input conditions to make the LED on

***Truth table:-***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***A*** | ***B*** | ***Output of AND Gate*** | ***A’*** | ***B’*** | ***Output of NOR Gate*** |
| ***0*** | ***0*** | ***0*** |  |  |  |
| ***0*** | ***1*** | ***0*** |  |  |  |
| ***1*** | ***0*** | ***0*** |  |  |  |
| ***1*** | ***1*** | ***1*** |  |  |  |