Name -> Marish Bigh university Roll No -> 010/106 Course -> men I B Perfical Name -> Computer Down anguillon wild-from. Yourfical Code > PMC 102 22/03/2022 (01 => Dis cass the working of NPND gat with the help of cieccuit cliage an and touth table. 1 The NAND gate is a combination of (and AND Greto and NOT Grate. They are connected in Casaacle form. It is alto called (Megated AND Grati. The NAMO GATE Providey The felse or low output only when their outputs is high or true. J (- Diagram =) ICNO. 4 7400

$$\begin{array}{c}
A \\
D \\
Y = \overline{A \cdot B}
\end{array}$$

Touth Table 3>

A	B	Y=A.B
0	0	1_
0	1	1
1 1	0	1
1	1 1	10,

NAMO gate is a NOT gate followed by AN AND get, to if we can concel the effect of NOT gate in a NAND gate, It will be come an AND gate. Hurse, a NOT gat followed by a MAND gate Icealize an AND Grate.

=) From the touth table of the trate, it is clear that all the inputs must be high to get a loce input and of any of the input low, the output obtained will be high. If any one of the input is also high the output usil be high that is a.