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Subject Name: Computer org & Arch. Subject Coole: TMC 102 Date: 22/3/22

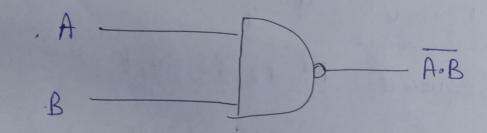
QI NAND GATE

A NAND Grate is a logic gate that produces a low output i.e o only if all its inputs are TRUE, and high output i.e. I only if it otherwish.

NAND Grate is the funde of AND Grate. Its circuit is produced by connecting and AND Grate to a NOT Grate.

The NAND gate pryoons logical NAND spratin. It is known as minusal gate.

Ciouit Diagram



Osofhin

NAND gate is a "NOT AND Grate".

The output of NAND gate in sense of AND gate.

The pertpert of NAND gate in only logical owhen and only when all in inputs of the gate one I and in all other cases the output in high.

Touth Table

Luput		Output
A	B	X = A.B
0	0	0
0	1	D
1	0	0
1	1	1

Bothi.