

C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.15063]
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C:\Users\USER\Documents\C\MiniProject>mingw32-make
mingw32-make: 'all.exe' is up to date.

C:\Users\USER\Documents\C\MiniProject>mingw32-make run
all.exe

Select the function to be performed from the list given below-

- 1.AND operation
- 2.OR operation
- 3.NOT operation
- 4.NAND operation
- 5.NOR operation
- 6.XOR operation
- 7.Press -1 to exit

Enter your choice : 1

1 2

IC 7408 is the Quad two input AND gate

0

Select the function to be performed from the list given below-

- 1.AND operation
- 2.OR operation
- 3.NOT operation
- 4.NAND operation
- 5.NOR operation
- 6.XOR operation
- 7.Press -1 to exit

Enter your choice : 2

1 2

IC 7432 is the Quad two input OR gate

3

Select the function to be performed from the list given below-

- 1.AND operation
- 2.OR operation
- 3.NOT operation
- 4.NAND operation
- 5.NOR operation
- 6.XOR operation
- 7.Press -1 to exit

Enter your choice : 3

0

IC 7404 is the Hex inverter

-1

Select the function to be performed from the list given below-

- 1.AND operation
- 2.OR operation
- 3.NOT operation
- 4.NAND operation
- 5.NOR operation

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Enter your choice : 3

0

IC 7404 is the Hex inverter

-1

Select the function to be performed from the list given below-

1.AND operation

2.OR operation

3.NOT operation

4.NAND operation

5.NOR operation

6.XOR operation

7.Press -1 to exit

Enter your choice : 4

1 2

IC 7400 is the Quad two input NAND gate

-4

Select the function to be performed from the list given below-

1.AND operation

2.OR operation

3.NOT operation

4.NAND operation

5.NOR operation

6.XOR operation

7.Press -1 to exit

Enter your choice : 5

3 3

IC 7402 is the Quad two input NOR gate

-4

Select the function to be performed from the list given below-

1.AND operation

2.OR operation

3.NOT operation

4.NAND operation

5.NOR operation

6.XOR operation

7.Press -1 to exit

Enter your choice : 6

1 2

IC 7486 is the Quad two input XOR gate

3

Select the function to be performed from the list given below-

1.AND operation

2.OR operation

3.NOT operation

4.NAND operation

5.NOR operation

6.XOR operation

7.Press -1 to exit

Enter your choice : -1

C:\Windows\System32\cmd.exe

Select the function to be performed from the list given below-

- 1.AND operation
 - 2.OR operation
 - 3.NOT operation
 - 4.NAND operation
 - 5.NOR operation
 - 6.XOR operation
 - 7.Press -1 to exit
- Enter your choice : -1

C:\Users\USER\Documents\C\MiniProject>mingw32-make testc

gcc -I inc -I unity src/And.c src/Nand.c src/Nor.c src/Not.c src/Or.c src/Xor.c unity/unity.c test.c -o test.exe
./test.exe

IC 7408 is the Quad two input AND gate

IC 7408 is the Quad two input AND gate

test.c:16:test_and:PASS

IC 7432 is the Quad two input OR gate

IC 7432 is the Quad two input OR gate

test.c:17:test_or:PASS

IC 7404 is the Hex inverter

IC 7404 is the Hex inverter

test.c:18:test_not:PASS

IC 7486 is the Quad two input XOR gate

IC 7486 is the Quad two input XOR gate

test.c:19:test_xor:PASS

4 Tests 0 Failures 0 Ignored

OK

C:\Users\USER\Documents\C\MiniProject>_