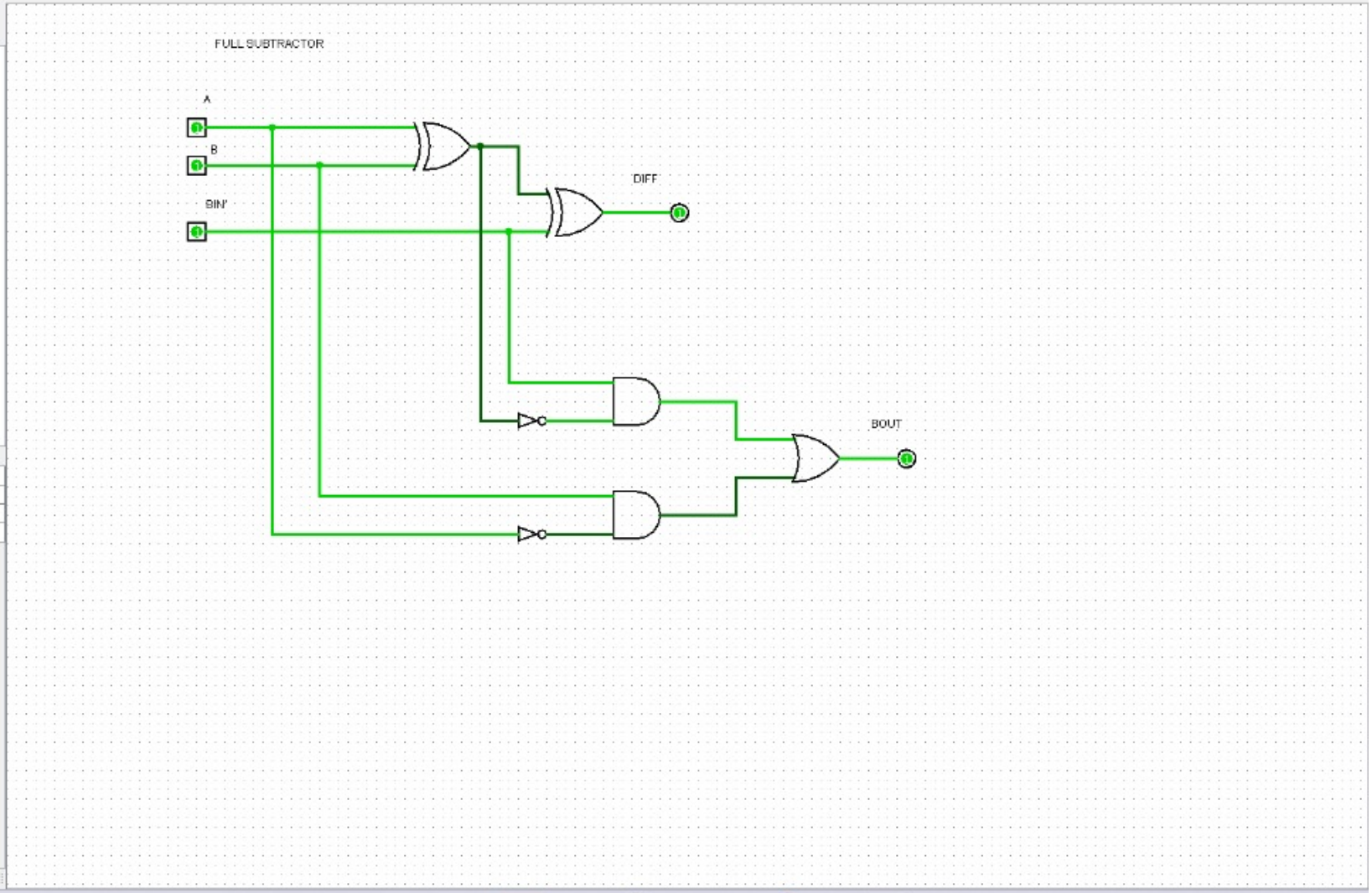
Logisim: main of FULL SUBTRACTOR

File Edit Project Simulate Window Help

FULL SUBTRACTOR
- main
- Wiring
- Gates
  - NOT Gate
  - Buffer
  - AND Gate
  - OR Gate
  - NAND Gate
  - NOR Gate
  - XOR Gate
  - XNOR Gate
  - Odd Parity
  - Even Parity
  - Controlled Buffer
  - Controlled Inverter
- Plexers
- Arithmetic
- Memory
- Input/Output
- Base

Tool: Text Tool

Text	
Font	SansSerif Plain 12
Horizontal Alignment	Center
Vertical Alignment	Base



100%

SRB - ENG
Game score

Search

ENG
IN

9:50 AM
6/17/2024

Logisim: main of FULL SUBTRACTOR USING NOR GATE

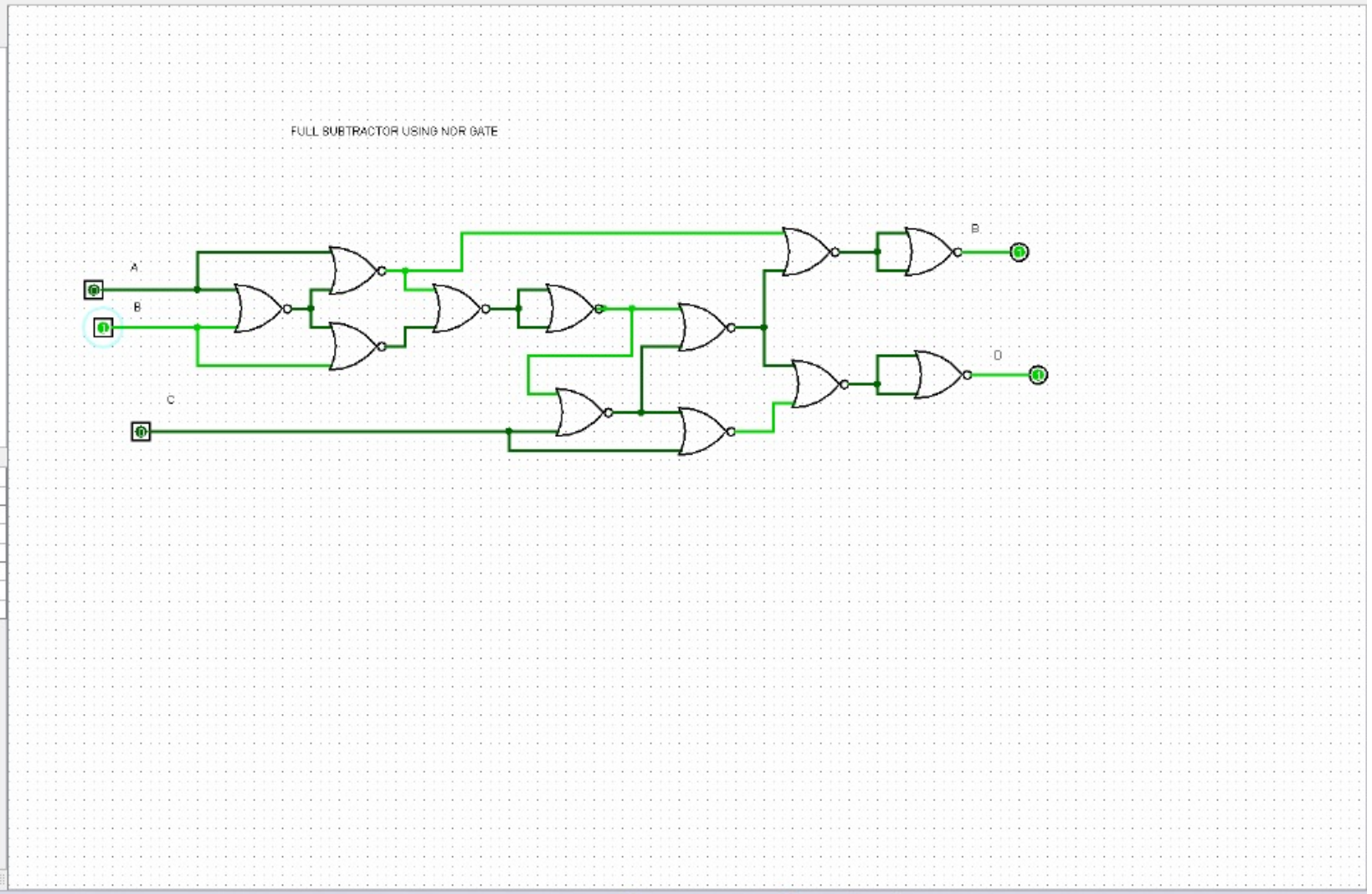
File Edit Project Simulate Window Help

FULL SUBTRACTOR USING NOR GATE
- main
- Wiring
- Gates
  - NOT Gate
  - Buffer
  - AND Gate
  - OR Gate
  - NAND Gate
  - NOR Gate
  - XOR Gate
  - XNOR Gate
  - Odd Parity
  - Even Parity
  - Controlled Buffer
  - Controlled Inverter
- Plexers
- Arithmetic
- Memory
- Input/Output
- Base

Pin

Facing	East
Output?	No
Data Bits	1
Three-state?	No
Pull Behavior	Unchanged
Label	
Label Location	West
Label Font	SansSerif Plain 12

100%

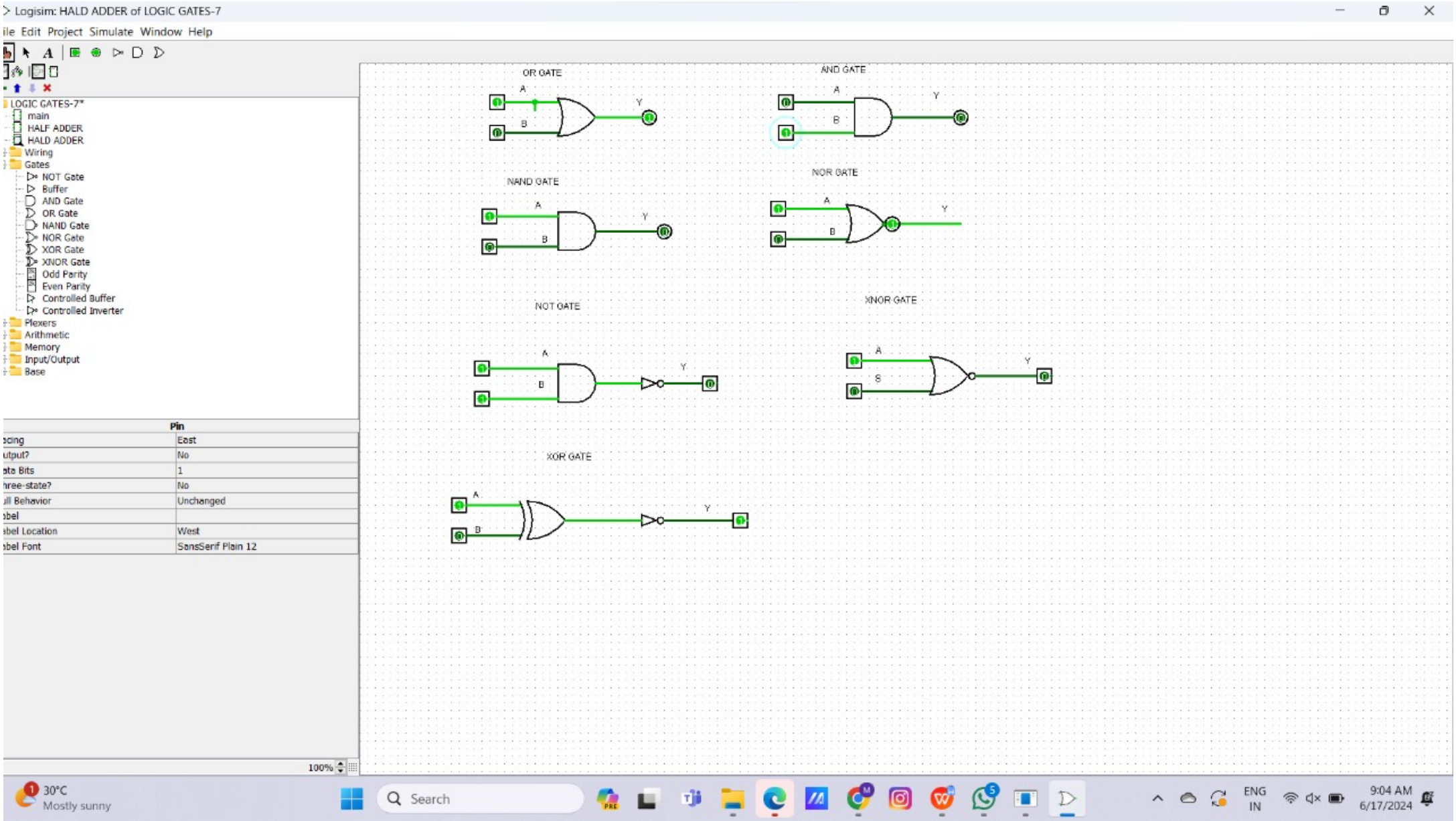


AUD/EUR -0.29%

Search

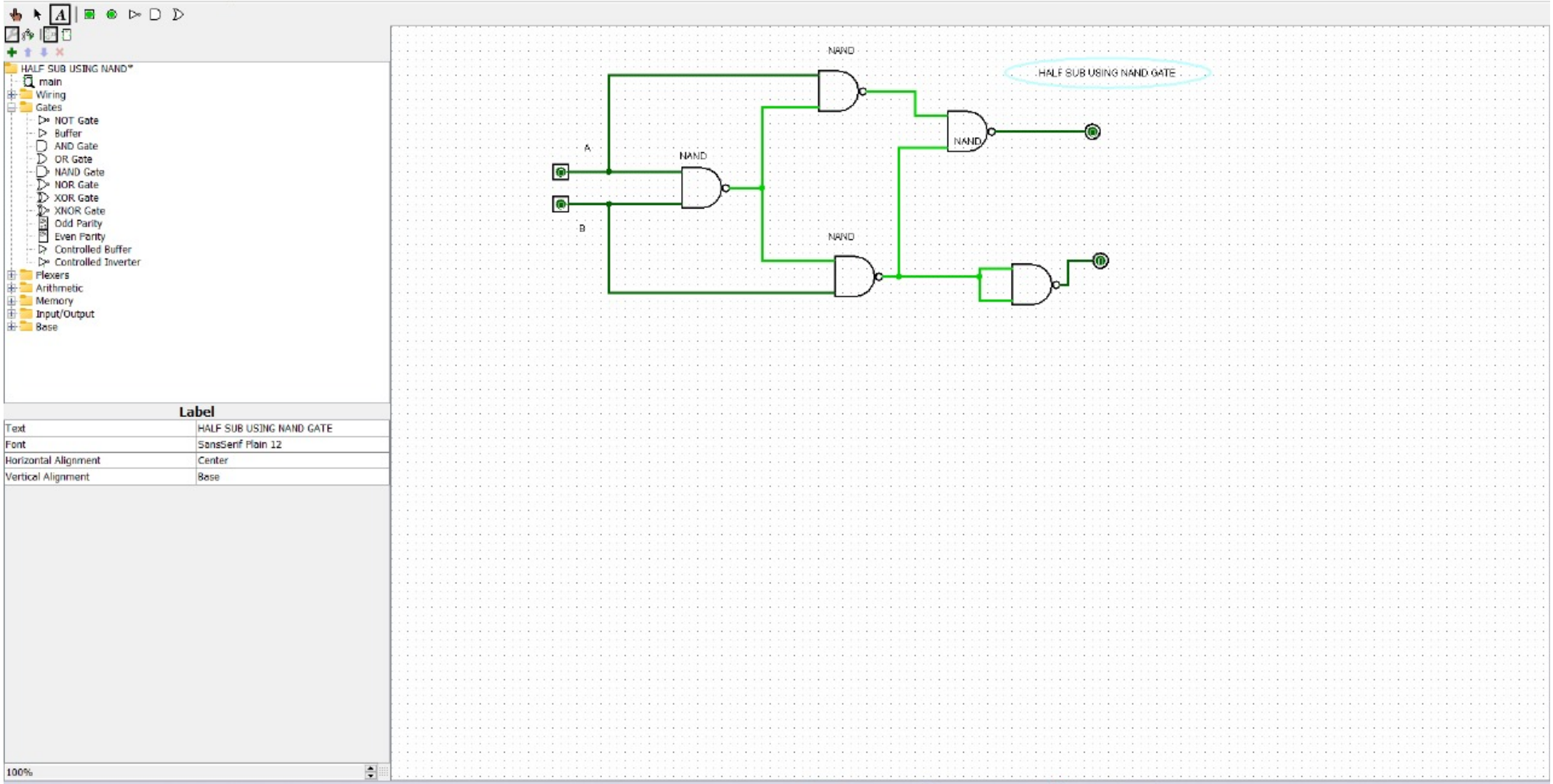
ENG IN

11:22 PM 6/17/2024


Logisim: HALD ADDER of LOGIC GATES-7
ile Edit Project Simulate Window Help
LOGIC GATES-7*
main
HALF ADDER
HALD ADDER
Wiring
Gates
NOT Gate
Buffer
AND Gate
OR Gate
NAND Gate
NOR Gate
XOR Gate
XNOR Gate
Odd Parity
Even Parity
Controlled Buffer
Controlled Inverter
Plexers
Arithmetic
Memory
Input/Output
Base
Pin
East
No
1
No
Unchanged
West
SansSerif Plain 12
100%
OR GATE
AND GATE
NAND GATE
NOR GATE
NOT GATE
XNOR GATE
XOR GATE
A
B
S
Y
30°C
Mostly sunny
Search
ENG
IN
9:04 AM
6/17/2024

Logisim: main of HALF SUB USING NAND

File Edit Project Simulate Window Help



32°C Sunny

Search

ENG US

10:29 AM 6/17/2024

Logisim: main of HALF SUB USING NOR GATES

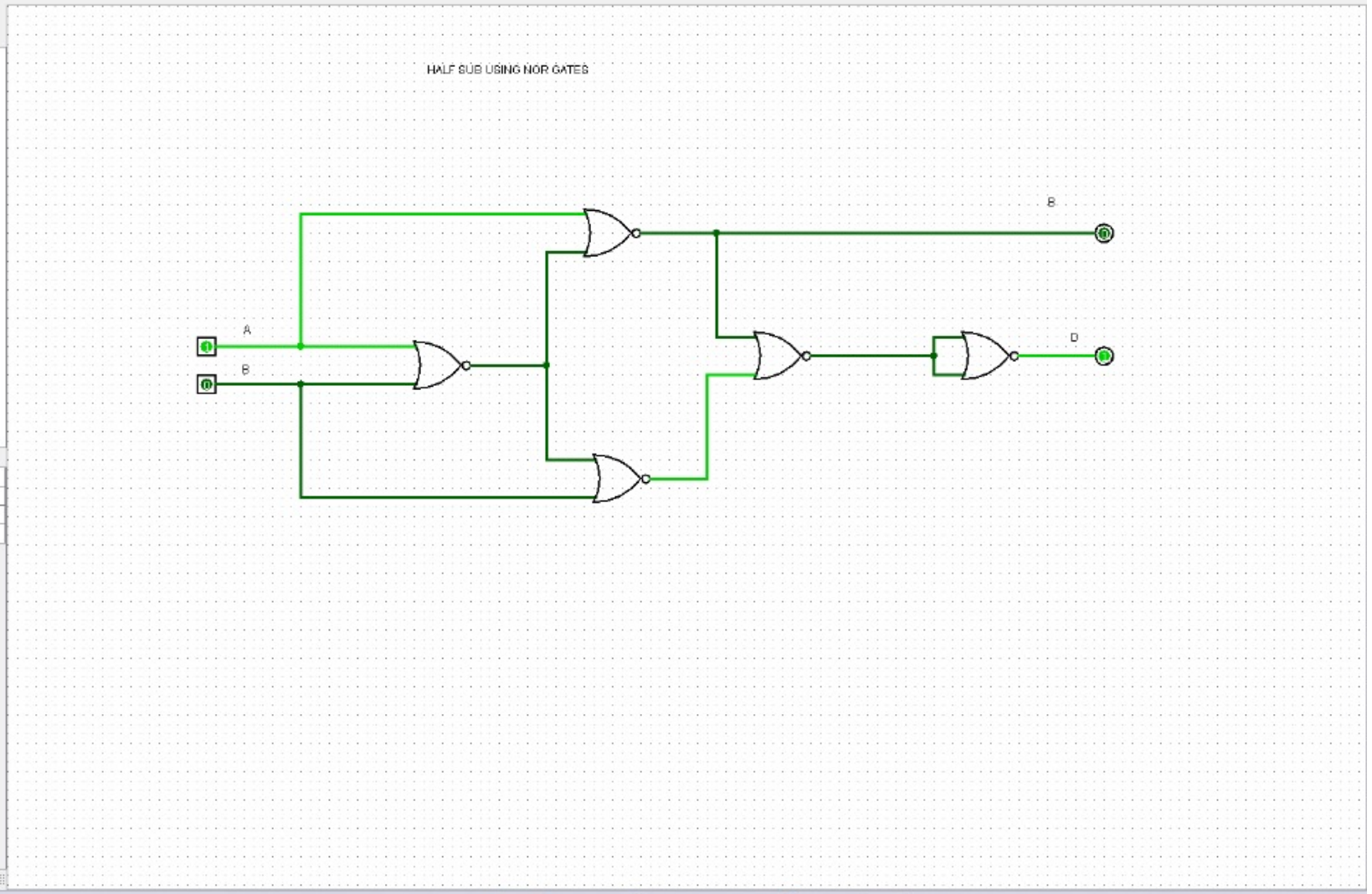
File Edit Project Simulate Window Help

HALF SUB USING NOR GATES
- main
- Wiring
- Gates
  - NOT Gate
  - Buffer
  - AND Gate
  - OR Gate
  - NAND Gate
  - NOR Gate
  - XOR Gate
  - XNOR Gate
  - Odd Parity
  - Even Parity
  - Controlled Buffer
  - Controlled Inverter
- Plexers
- Arithmetic
- Memory
- Input/Output
- Base

Tool: Text Tool

Text	
Font	SansSerif Plain 12
Horizontal Alignment	Center
Vertical Alignment	Base

100%

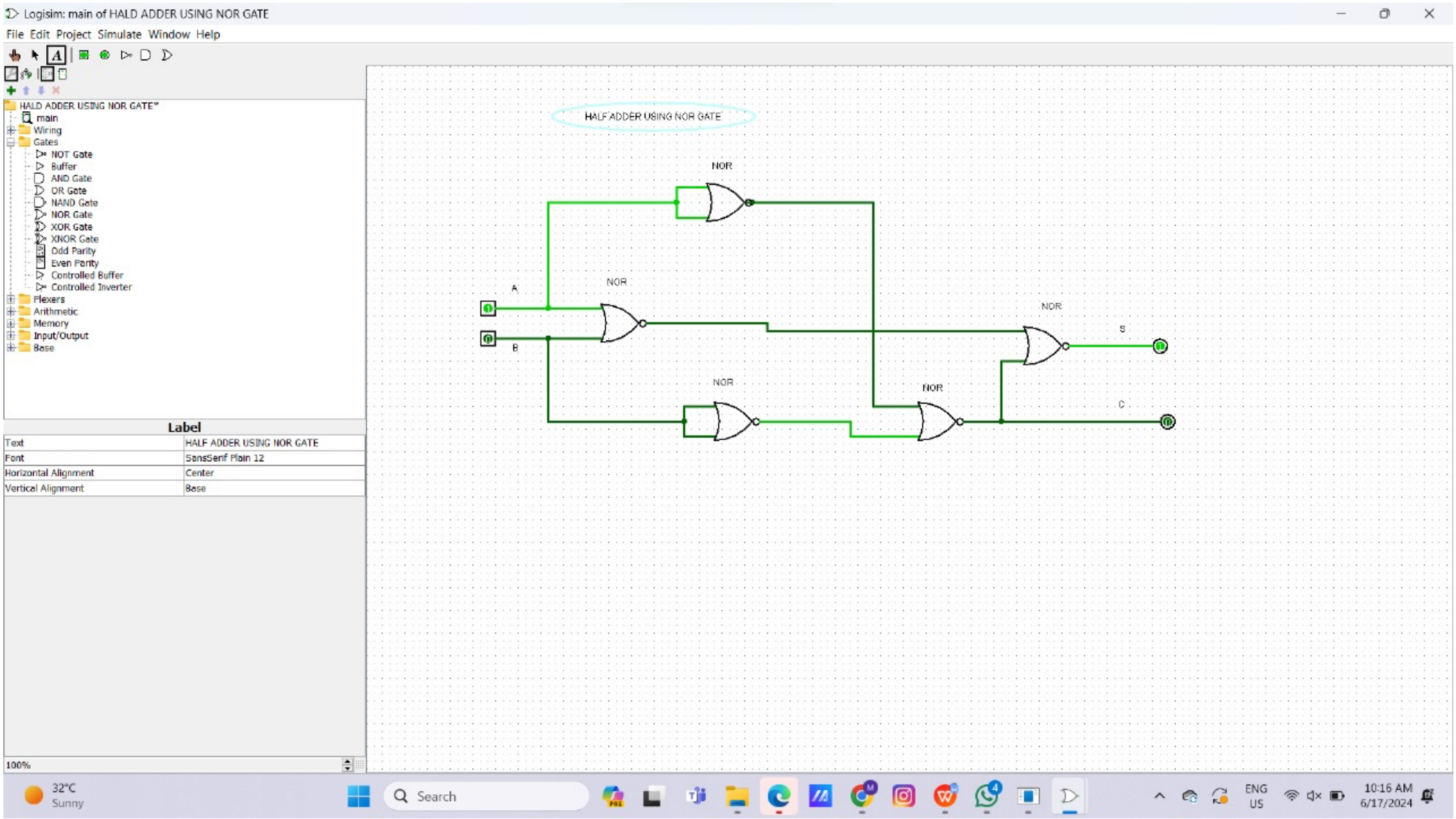


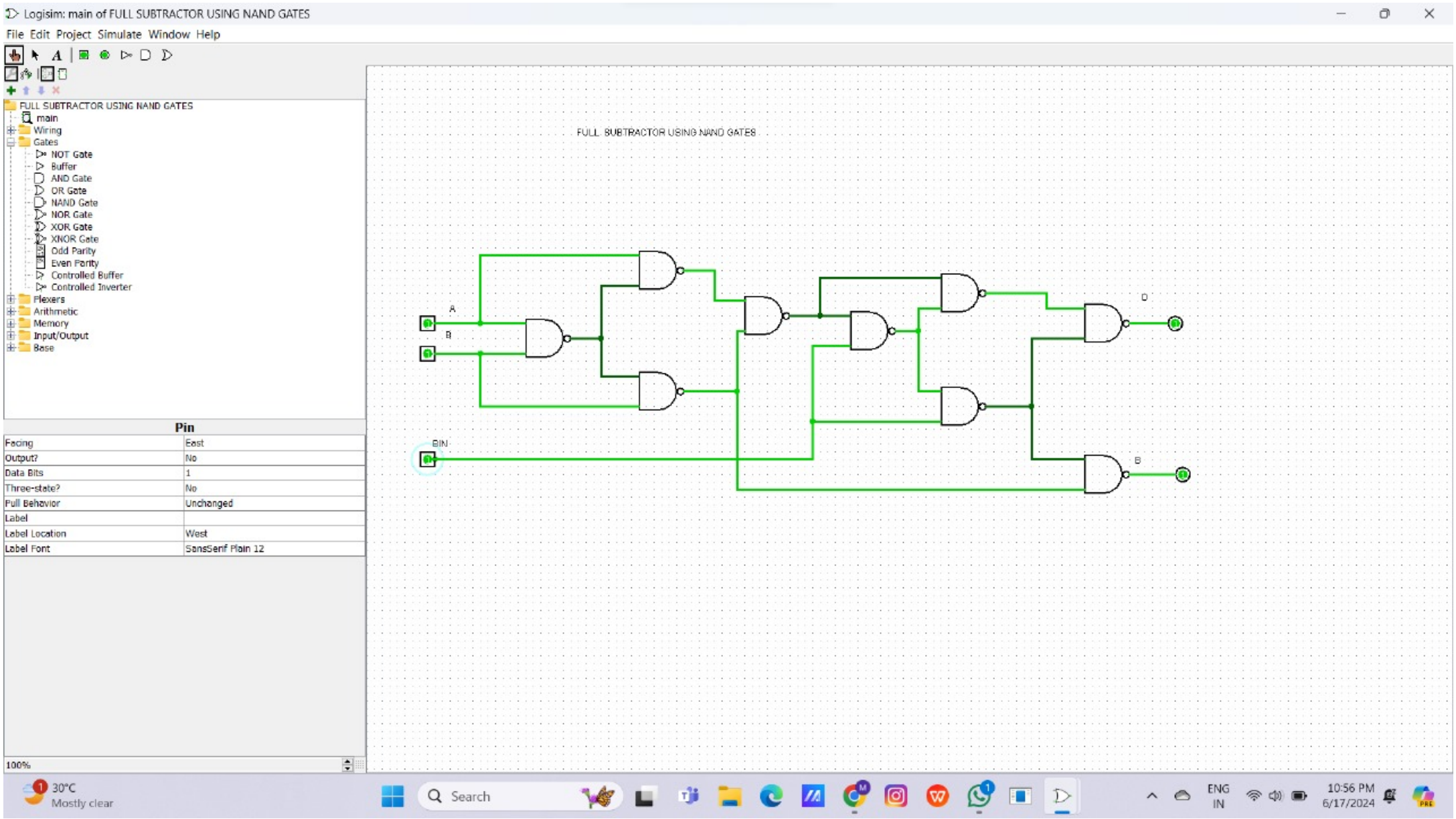
32°C Sunny

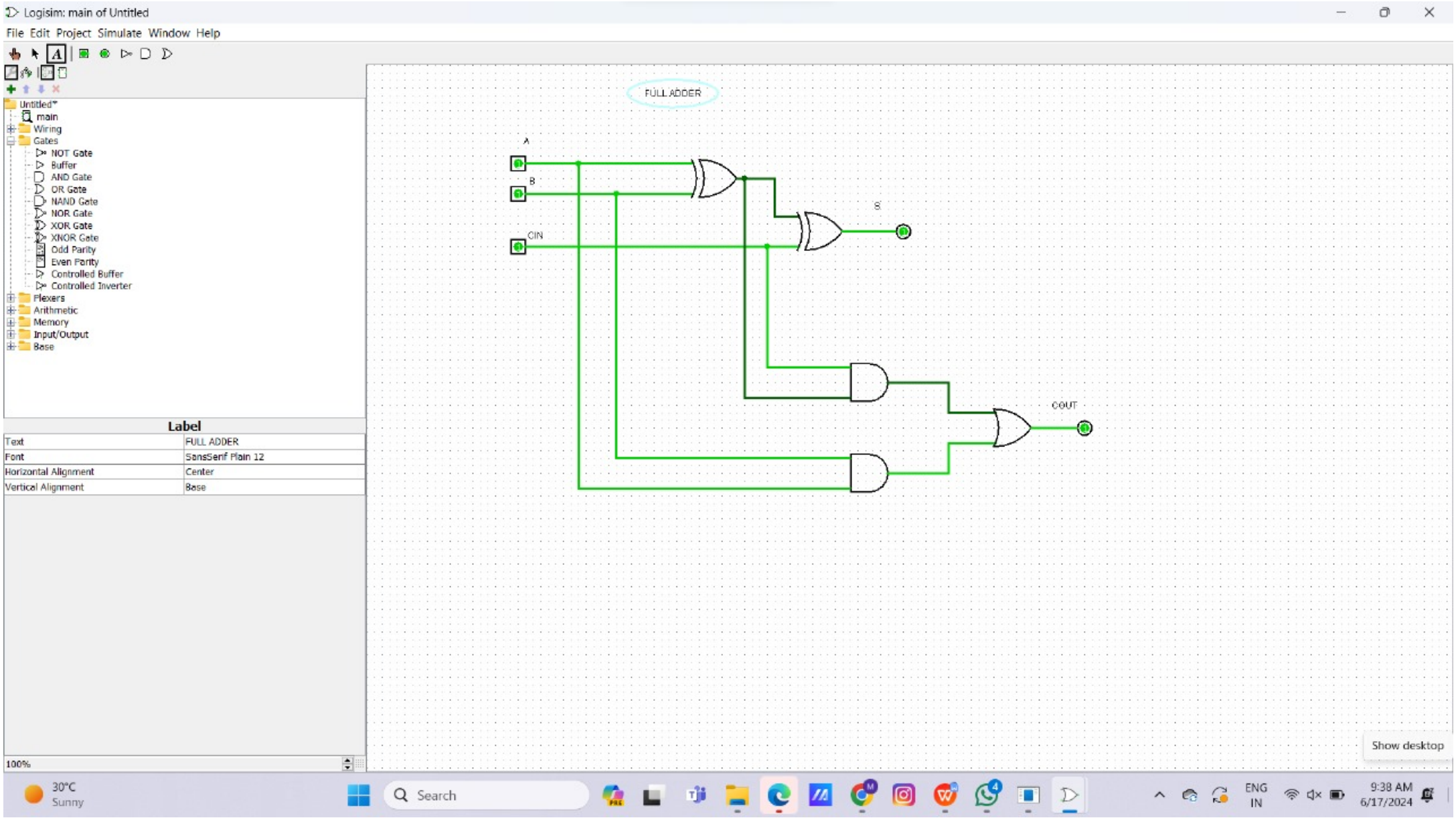
Search

ENG US

10:35 AM 6/17/2024


Logisim: main of HALD ADDER USING NOR GATE
File Edit Project Simulate Window Help
HALD ADDER USING NOR GATE*
main
Wiring
Gates
NOT Gate
Buffer
AND Gate
OR Gate
NAND Gate
NOR Gate
XOR Gate
XNOR Gate
Odd Parity
Even Parity
Controlled Buffer
Controlled Inverter
Plexers
Arithmetic
Memory
Input/Output
Base
Label
Text
HALF ADDER USING NOR GATE
Font
SansSerif Plain 12
Horizontal Alignment
Center
Vertical Alignment
Base
100%
HALF ADDER USING NOR GATE
NOR
NOR
NOR
NOR
NOR
A
B
S
C
32°C
Sunny
Search
ENG
US
10:16 AM
6/17/2024


Logisim: main of FULL SUBTRACTOR USING NAND GATES
File Edit Project Simulate Window Help
FULL SUBTRACTOR USING NAND GATES
main
Wiring
Gates
NOT Gate
Buffer
AND Gate
OR Gate
NAND Gate
NOR Gate
XOR Gate
XNOR Gate
Odd Parity
Even Parity
Controlled Buffer
Controlled Inverter
Plexers
Arithmetic
Memory
Input/Output
Base
Pin
Facing East
Output? No
Data Bits 1
Three-state? No
Pull Behavior Unchanged
Label
Label Location West
Label Font SansSerif Plain 12
100%
FULL SUBTRACTOR USING NAND GATES
A
B
BIN
D
B
30°C
Mostly clear
Search
ENG
IN
10:56 PM
6/17/2024


Logisim: main of Untitled
File Edit Project Simulate Window Help
Untitled*
main
Wiring
Gates
NOT Gate
Buffer
AND Gate
OR Gate
NAND Gate
NOR Gate
XOR Gate
XNOR Gate
Odd Parity
Even Parity
Controlled Buffer
Controlled Inverter
Plexers
Arithmetic
Memory
Input/Output
Base
Label
Text FULL ADDER
Font SansSerif Plain 12
Horizontal Alignment Center
Vertical Alignment Base
100%
FULL ADDER
A
B
CIN
S
COUT
Show desktop
30°C
Sunny
Search
ENG
IN
9:38 AM
6/17/2024

Logisim: main of FULL ADDER WITH NAND GATES

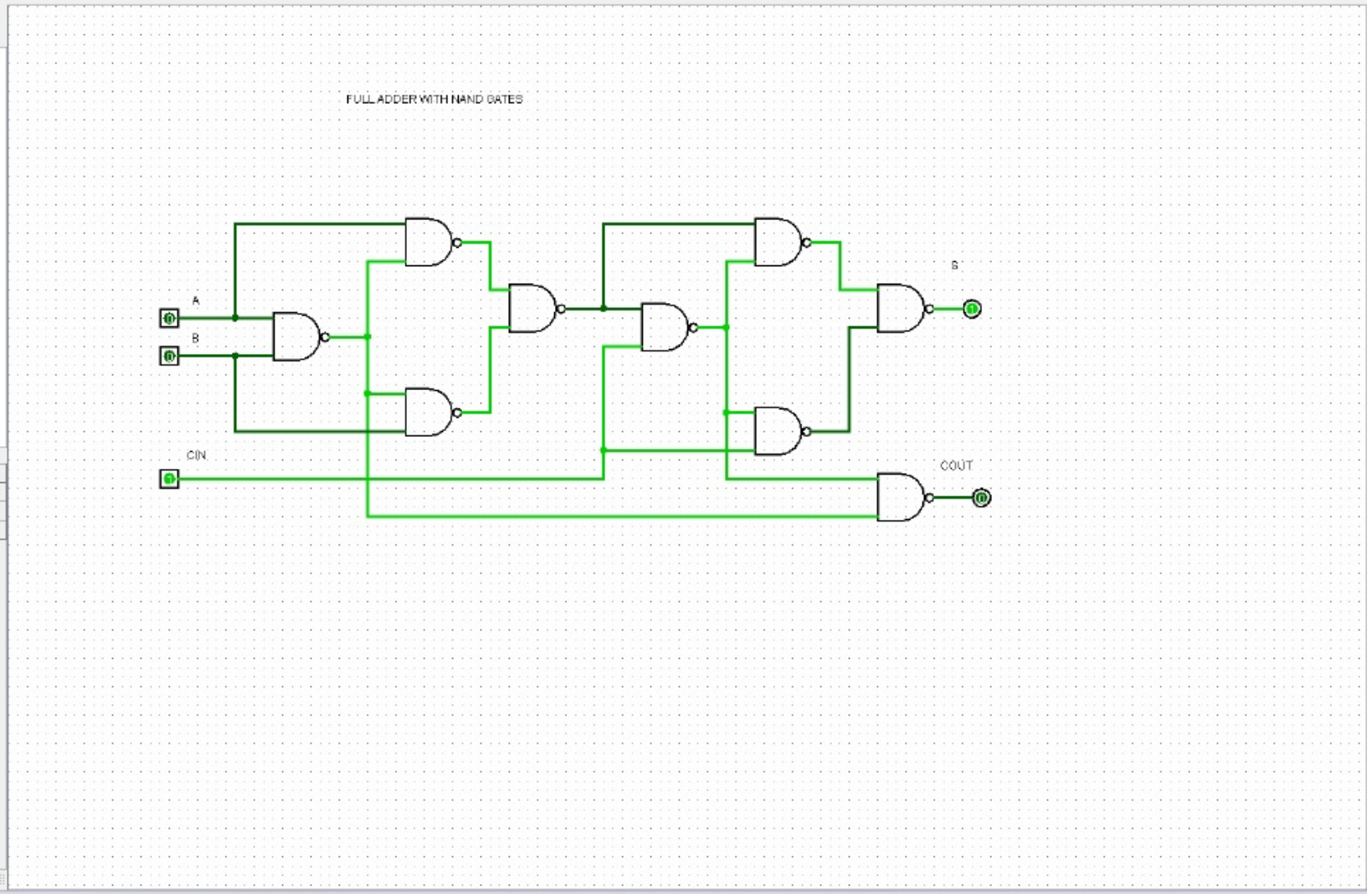
File Edit Project Simulate Window Help

FULL ADDER WITH NAND GATES
- main
- Wiring
- Gates
  - NOT Gate
  - Buffer
  - AND Gate
  - OR Gate
  - NAND Gate
  - NOR Gate
  - XOR Gate
  - XNOR Gate
  - Odd Parity
  - Even Parity
  - Controlled Buffer
  - Controlled Inverter
- Plexers
- Arithmetic
- Memory
- Input/Output
- Base

Tool: Text Tool

Text	
Font	SansSerif Plain 12
Horizontal Alignment	Center
Vertical Alignment	Base

100%

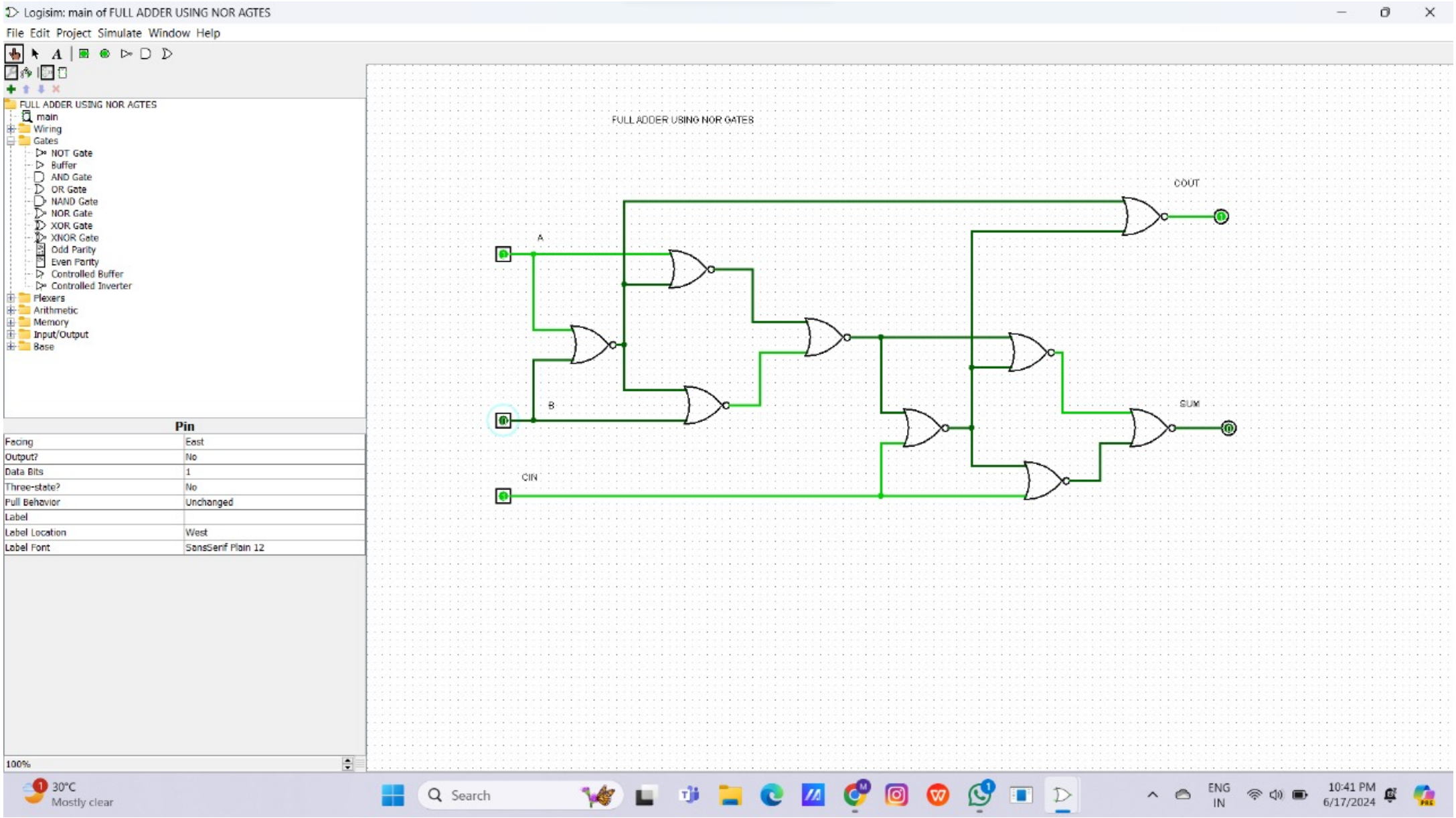


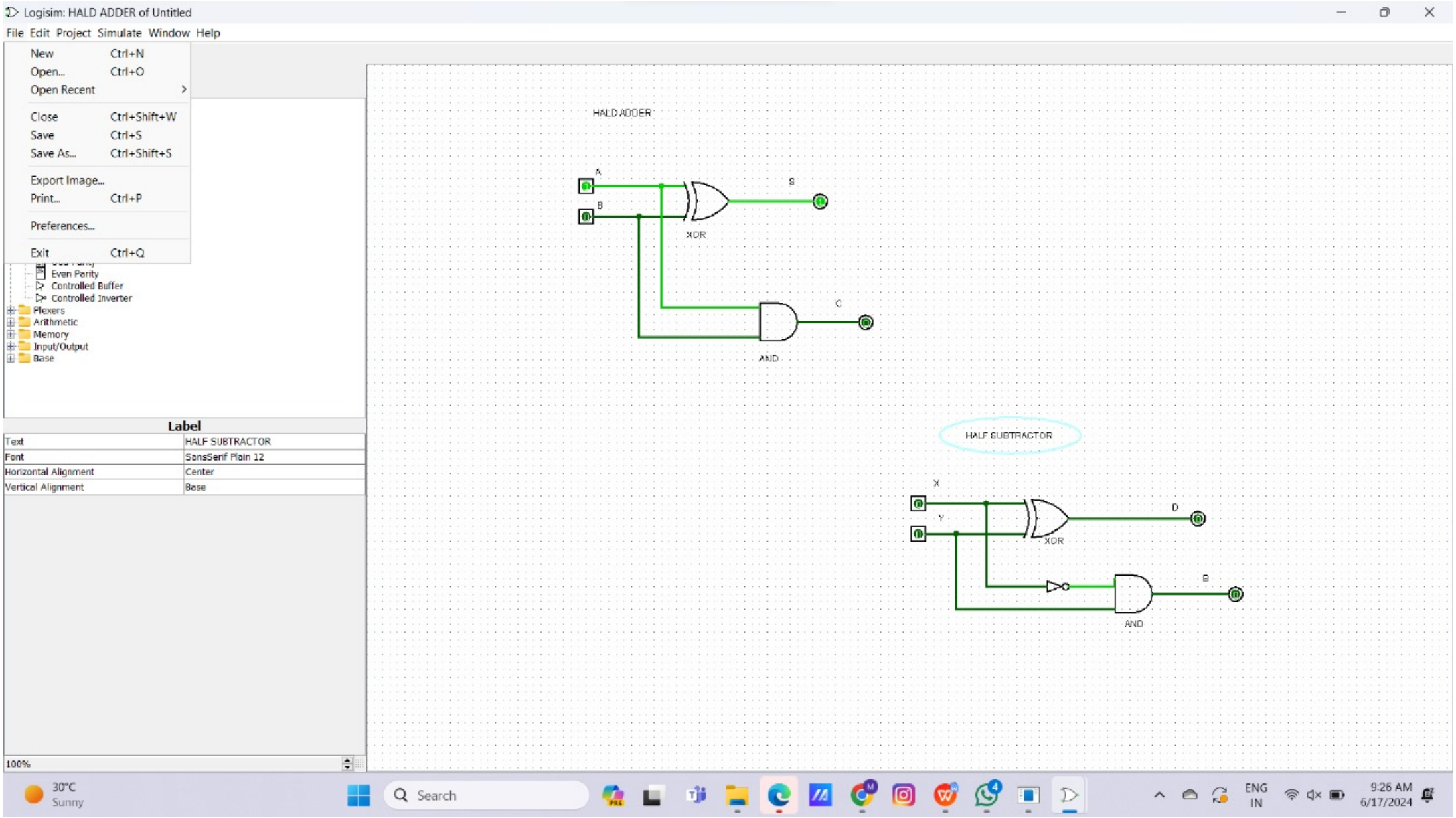
AUD/NZD +0.26%

Search

ENG IN

10:28 PM 6/17/2024


Logisim: main of FULL ADDER USING NOR AGTES
File Edit Project Simulate Window Help
FULL ADDER USING NOR AGTES
main
Wiring
Gates
NOT Gate
Buffer
AND Gate
OR Gate
NAND Gate
NOR Gate
XOR Gate
XNOR Gate
Odd Parity
Even Parity
Controlled Buffer
Controlled Inverter
Plexers
Arithmetic
Memory
Input/Output
Base
Pin
Facing East
Output? No
Data Bits 1
Three-state? No
Pull Behavior Unchanged
Label
Label Location West
Label Font SansSerif Plain 12
100%
FULL ADDER USING NOR GATES
COUT
A
B
SUM
CIN
30°C
Mostly clear
Search
ENG
IN
10:41 PM
6/17/2024


Logisim: HALD ADDER of Untitled
File Edit Project Simulate Window Help
New Ctrl+N
Open... Ctrl+O
Open Recent
Close Ctrl+Shift+W
Save Ctrl+S
Save As... Ctrl+Shift+S
Export Image...
Print... Ctrl+P
Preferences...
Exit Ctrl+Q
Even Parity
Controlled Buffer
Controlled Inverter
Plexers
Arithmetic
Memory
Input/Output
Base
Label
Text HALF SUBTRACTOR
Font SansSerif Plain 12
Horizontal Alignment Center
Vertical Alignment Base
100%
HALD ADDER
A
B
S
XOR
C
AND
HALF SUBTRACTOR
X
Y
D
XOR
B
AND
30°C
Sunny
Search
ENG
IN
9:26 AM
6/17/2024