SCROLL-IT

WHAT YOU TYPE IS WHAT YOU SEE

Term Project for DIGITAL LOGIC AND SYSTEM

Built in logisim evolution

ABOUT ME:

Amanaliyeva Shynaiym
student num: 24101212
Computer science and technology
samg050213@gmail.com
international student from Kazakhstan
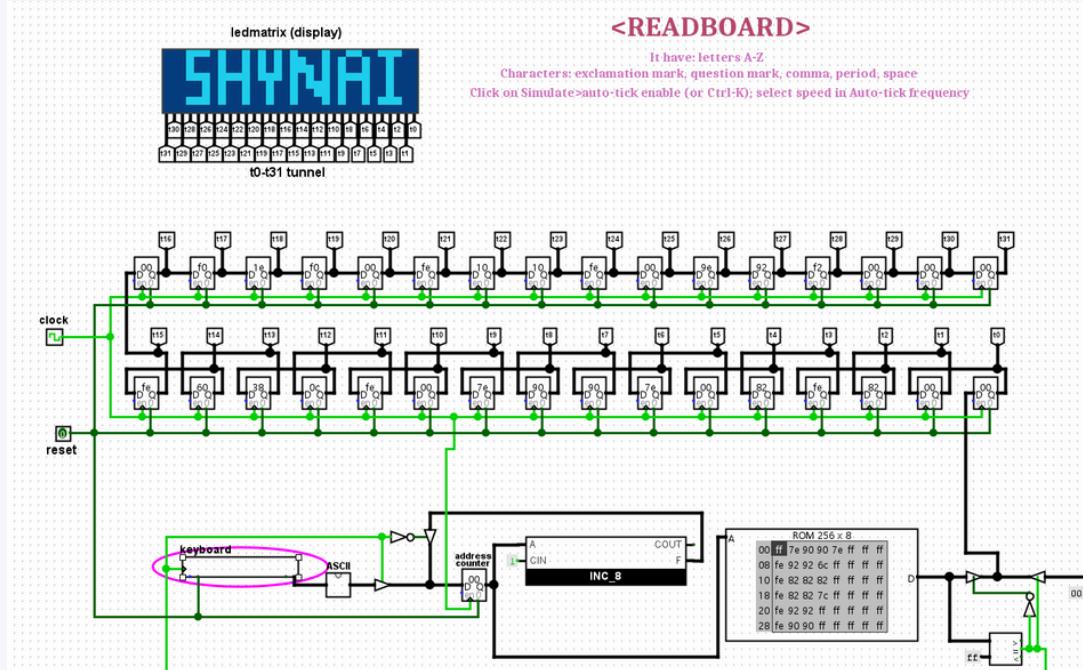
ledmatrix (display)

SHYNAI

t0-t31 tunnel

<READBOARD>
It have: letters A-Z
Characters: exclamation mark, question mark, comma, period, space
Click on Simudate>auto-tick enable (or Ctrl-K); select speed in Auto-tick frequency

clock

reset

keyboard

ASCII

address counter

INC_8

ROM 256 x 8
00 ff 7e 90 90 7e ff ff ff
08 fe 92 92 6c ff ff ff ff
10 fe 82 82 82 ff ff ff ff
18 fe 82 82 7c ff ff ff ff
20 fe 92 92 ff ff ff ff ff
28 fe 90 90 ff ff ff ff ff

MAIN ELEMENTS OF THE CIRCUIT
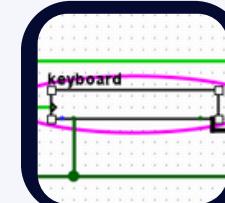
LED Matrix Display

Displays the characters in real time as scrolling text.

Keyboard

Lets you type letters that immediately appear on the display.
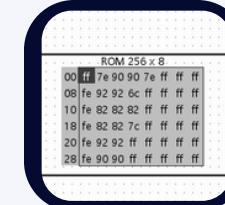
Registers

Store and hold each character temporarily before it is shown.
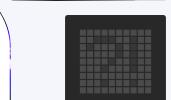
**ROM**

Stores character patterns used to generate the LED output.

TRY TYPE ANYTHING

LETTERS: A - Z

CHARACTERS: ! ? . , <space>