NASCOM-2 on ESP32: Things to try

1. Play BLS Super Maanelander:
   - 1.1. Press RESET - Button on top of box
   - 1.2. Type ‘E1000’ - Start executing at address 1000H. Code is pre-loaded

2. Compile and Run a Pascal program:
   - 2.1. Press <F1> - Select ‘blspascal13.cas’ from the Internal Flash for ‘Tape In’
   - 2.2. Press <F1> - Exit control screen
   - 2.3. Type ‘R’ - Read the BLS Pascal Compiler/Editor
   - 2.4. Type ‘E1000’ - Start the BLS Pascal Compiler/Editor program
   - 2.5. Press <F1> - Select ‘primes.pas’ from the Internal Flash for ‘Tape In’
   - 2.6. Press <F1> - Exit control screen
   - 2.7. Type ‘L’ - Load the primes.pas Pascal source into memory
   - 2.8. Type ‘E’ - Start the editor to inspect the Pascal code
   - 2.9. Type ‘CTRL/X’ - Exit the editor
   - 2.10. Type ‘C’ - Compile the source code
   - 2.11. Type ‘R’ - Run the compiled code
   - 2.12. Type ‘E’ - Invoke the editor
   - 2.13. Make edits - Can you make it run faster? Use SHIFT/Arrow Keys to insert or delete characters and lines.

3. Microsoft Basic:
   - 3.1. Press <F1> - Select ‘primes.bas’ from the Internal Flash for ‘Tape In’
   - 3.2. Press <F1> - Exit control screen
   - 3.3. Type ‘J’ - Start Microsoft Basic
   - 3.4. Type ‘CLOAD’ - Load the primes.bas basic program
   - 3.5. Type ‘LIST’ - See the program source
   - 3.6. Type ‘RUN’ - Run the program
   - 3.7. Make edits - Insert lines by typing in a line number followed by some Basic command.

4. nasForth (Forth system)
   - 4.1. Press <F1> - Select ‘NForth.cas’ from the Internal Flash for ‘Tape In’
   - 4.2. Press <F1> - Exit control screen
   - 4.3. Type ‘R’ - Read the nasForth program
   - 4.4. Press <F1> - Select the ‘primes.for’ from the Interna Flash for ‘Tape In’
   - 4.5. Type ‘R’ - Read the Forth example code into memory
   - 4.6. Type ‘E1000’ - Start the nasForth program
   - 4.7. Type ‘1 LIST’ - Shows the two word definitions for IS-PRIME and PRIMES
   - 4.8. Type ‘1 LOAD’ - Loads/compiles the code
   - 4.9. Type ‘200 PRIMES’ - Find all primes less than 200