

Q1: What does the LCD screen display if the register A is assigned the hexadecimal value 35h and the ACALL SEND DATA command is executed in your program?

A1: 35H is '5' in ASCII. LCD Screen will display '5'

Q2: What is the name of the subroutine in the provided keypad code that activates the LCD?

A2: CONFIGURE_LCD

Q3: In which register does the output from the ACALL KEYBOARD instruction store? What value is stored in that register if '3' is pressed on the keyboard? What value is stored if '7' is pressed on the keyboard?

A3: A stores the output of ACALL KEYBOARD. When '3' is pressed, 33h is stored. When '7' is pressed, 37h is stored.

Q4: What happens to LCD screen if A = C0h and ACALL SEND COMMAND command is executed in your program?

A4: C0h command is sent to LCD, this command moves the cursor to the beginning of the second line

-Fatih Mehmet Çetin