**LCD COMMANDS**

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| **Functions** | **Result** |
| LCDinit(); | Initialize the LCD, Cursor is at home (0, 0) position |
| LCDclr(); | Clears LCD, Move cursor at home (0, 0) position |
| LCDcursorOFF(); | Turn cursor OFF |
| LCDcursorOn(); | Underline cursor ON |
| LCDcursorOnBlink(); | Underline blinking cursor ON |
| LCDGotoXY(11, 1); | Move the cursor to (11, 1) i.e. 12th column of second line |
| LCDWriteString("Text"); | Print string (Here “Text”) on current cursor position |
| LCDWriteStringXY(3, 1,"Text"); | Print a string (Here “Text”) on Column3, Row1 (2nd line) |
| LCDWriteInt(i, 4); | Print value of an integer (Here i) on current cursor position as four digits (If i = 50, it will print 0050) |
| LCDWriteIntXY(9, 1, i, 3); | Print value of an integer (Here i) at Column9, Row1 as three digits (If i = 50, it will print 050) |
| LCDsendChar(‘2’); | Print the value of a single character (Here 2) on current cursor position |
| LCDhome(); | Move cursor at home (0, 0) position |
| LCDstring(“Hasan-uz-zaman”, 5); | Print first 5 characters of a string (Here “Hasan”) on current cursor position |
| CopyStringtoLCD(Welcome, 0, 0); | Prints flash string (Here “Welcome”) to LCD at 0, 0 position |
| LCDshiftRight(3); | Shift the LCD (Not LCD contents) by 3 characters Right |
| LCDshiftLeft(5); | Shift the LCD (Not LCD contents) by 3 characters Left |
| LCDblank(); | Makes the LCD blank but not cleared |
| LCDvisible(); | Makes the LCD visible |
| LCDcursorLeft(3); | Shift the Cursor (Not LCD) by 3 characters Left |
| LCDcursorRight(5); | Shift the Cursor (Not LCD) by 5 characters Right |