```
Seel: Hinclude < LPC XX. A>
      long int our [4];
     unsigned elar toher [10] = {0x3F, 0x06, 0x5B, 0x4F, 0x66, 0x60, 0x70, 0x07,
     0x7F,0x6F];
      unsigned int i =0, j =0;
      int main () S
           LPC_GPIOO -> FIODIR / = OxFFO;
           LPC_GPIUI -> FIODIR 1= 0XF << 23;
           while (1) {
                   for (an[3]=9; an[3]>=0; an[3]--) { /19- to 0-
                        for (on [2]=9; on [2] >=0; con [2]--) { // 99- to 90-
                             fee (avor[1)=9; avr[1]>=0; avr[1]--) {//999_ to 900_
                                 feer (an [0] = 9; an [0] > = 0; an [0] -- ) {//9999 to
                                        for (i=0; i < 4; i++) 5 // feer retting point corelegione
                                            LAC- GPIOI - FIOPIN = i << 23;
                                            LPC_GPIOO→ FIOPIN = token[un[i]] << 4;
                                        fee (j=0; j<10000; j++);
                                        LPC-GPIOO → FIOCLR /= OX OOOOOFFO; //clewc
                                                                            alldisplays
Note: For appearates just go from 0000 to 9999 waing some logic (maybe just
       reverse the token array.
```

ZED

21/02/25

16 X 2 LCD: capable of displaying 2 lines each faving 16 characters

Enable (EN): such mable triggers to LCD.