

BMT116

MİKRODENETLEYİCİLER

12.HAFTA

GAMA MESLEK YÜKSEKOKULU

ÖĞR.GÖR.MEHMET DURSUN

;UYGULAMA 10 7 SEGMENT DISPLAY DE 0 DAN F e KADAR SAYAN SAYICI TASARIMI

```
LIST    P=16F84
```

```
INCLUDE    "P16F84.INC"
```

```
SAYAC1    EQU    H'0C'
```

```
SAYAC2    EQU    H'0D'
```

```
SAYAC3    EQU    H'0E'
```

```
SAYAC4    EQU    H'0F'
```

```
CLRF      PORTB
```

BSF STATUS,5

CLRF TRISB

BCF STATUS,5

ENG

MOVLW D'16'

MOVWF SAYAC1

CLRF SAYAC2

ENG1

MOVF SAYAC2,W

CALL DISPLAY

MOVWF PORTB

CALL GECIKME

INCF SAYAC2,F

DECFSZ SAYAC1,F

GOTO ENG1

GOTO ENG

DONGU

GOTO DONGU

DISPLAY

ADDWF PCL,F

RETLW H'3F'

RETLW H'06'

RETLW H'5B'

RETLW H'4F'

RETLW H'66'

RETLW H'6D'

RETLW H'7D'

RETLW H'07'

RETLW H'7F'

RETLW H'6F'

RETLW H'77'

RETLW H'7C'

RETLW H'39'

RETLW H'5E'

RETLW H'79'

RETLW H'71'

RETLW H'B1'

GECIKME

MOVLW H'FF'

MOVWF SAYAC3

DONGU1

MOVLW H'FF'

MOVWF SAYAC4

DONGU2

DECFSZ SAYAC4,F

GOTO DONGU2

DECFSZ SAYAC3,F

GOTO DONGU1

RETURN

END

PROGRAMIN ISIS DE SİMÜLASYONU

