

Başkent Üniversitesi
Elektrik - Elektronik Mühendisliği Bölümü

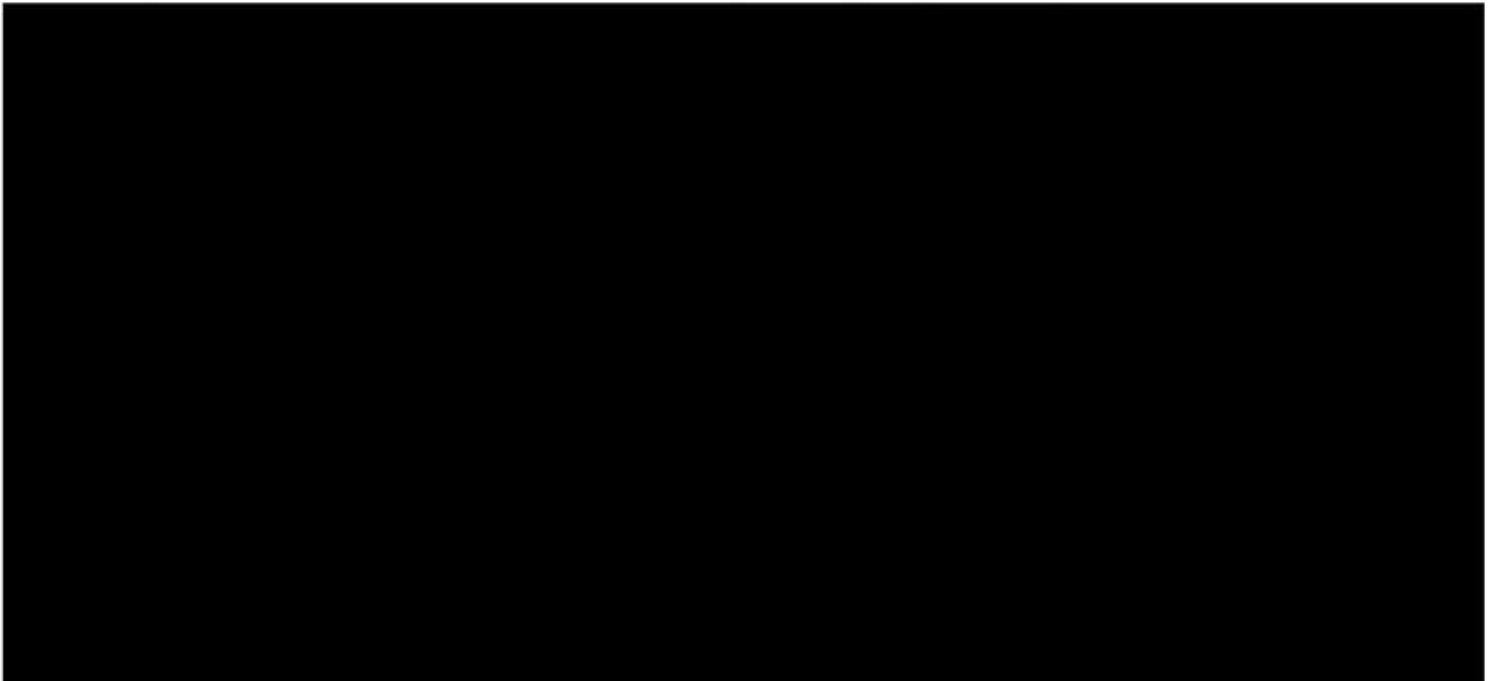
EEM 332 – Mikroişlemciler Laboratuvarı

Ön Çalışma/ Rapor

Deney No: # 5

Deney Adı: TASM' ye Giriş/ Assembly Programlama/Döngüler

Deney Tarihi: 31/03/2006



ÖN ÇALIŞMA

```

                                .Model small
                                .Stack 64k
                                .Data
SIGN_DATA DB +13,-10,+19,+14,-18,-9,+12,-19,+16
ORG 0010
LOWEST DB
Main: Prog Far
      MOV CX,8
      MOV SI,OFFSET SING_DATA
BACK: MOV AL,[SI]
      INC SI
      CMP AL,[SI]
      JLE SEARCH
      MOV AL,[SI]
SEARCH: LOOP BACK
      MOV LOWEST,AL
      MOV AH,4CH
      INT 21
ENDP
END MAIN
```

2)

```

                                .Model small
                                .Stack 64
                                .Data
Sign_data      DB 69,87,96,45,75
Org            001
High          DB
Main          Prog Far
              MOV CX,5
              MOV BX,OFFSET DATA
              SUB AL,AL
AGAIN:        CMP AL,[BX]
              JA NEXT
              MOV AL,[BX]
NEXT:         INC BX
              LOOP AGAIN
              MOV DH,AL
              Int 21 H
ENDP
END MAIN
```