.model small

.data

m1 db 10,13,"\*\*\*\*\*MENU\*\*\*\*\*"

db 10,13,"1.bcd to hex conversion"

db 10,13,"2.hex to bcd conversion"

db 10,13,"3.exit"

db 10,13,"Enter ur choice: $"

m2 db 10,13,"Enter 5 digit bcd no: $"

m3 db 10,13,"The equivalent hex no is: $"

m4 db 10,13,"Enter the 4 digit hex no: $"

m5 db 10,13,"The equivalent bcd no is: $"

m6 db 10,13,"Wrong choice !! enter again$"

.code

mov ax,@data

mov ds,ax

menu:lea dx,m1

mov ah,09h

int 21h

mov ah,01h

int 21h

cmp al,31h

jz x1

cmp al,32h

jz x2

cmp al,33h

jz x3

jnz x4 ;if wrong choice is entered

x1:call bth

jmp menu

x2:call htb

jmp menu

x3:call exit

x4:lea dx,m6

mov ah,09h

int 21h

jmp menu

;;------------------BCD TO HEX CONVERSION-------------------------;;

bth proc near

ret

endp

;;------------------HEX TO BCD CONVERSION-------------------------;;

htb proc near

ret

endp

;;-------------------EXIT------------------------;;

exit proc near

mov ah,4ch

int 21h

endp

end