



```
implement game and relative statist
   Awards and penalties are implemented by using a JUMP TABLE in which each position (cell) calls a
    procedure managing the corresponding award fenalty (only if position P is 14P4 F)
       DW A1 A2 A3 P1 P2 P3 P4
  Xor si, si
gameloop:
    may a PLAYERS (SI)
    test cu, 11000000B
    : show message to require the die's value
    mov AH 1 read the value of the die
        214
    SUB AL OF THE ME
    mou DIE, AL ; to be vied after (just in case)
    MOV M AL opdate statistics: can't of lalves
    Yor DH, DH
    Xd 1/4 VOM
    add statistics hures [di] 1
                       increment # dies thrown by the current player
    xor di di
    add di, si
    add di di
    1 [1+ if ) ESTATISTICS PURYERS [d: +1] 1
                     ; compute the "new position"
    add CL, AL
    cmp CL 60
    je endoftheGame
```

mod AL, CC		
cmp AL 60		
il update Position , if next Position < 60 => update Position		
may al, 60; otherwise, next position > 60 => made backward		
Sub Cl. Al next position - 60 = Value (>0)		
TOB ALCC - AL d= ACTAL NEW ROSITION		
update Pasition:		
mod PRAYETES [SI], AL		
cmp AU, F		
ig no Penalby Or Aubrid		
; otherwise print that the current cell has an award or a penalty		> 1
Xor BH, GH , start the code relative to a penalty (award		
mod el, Klayees (si ]		
328 BX, 1		
400 BX, EX		
[xd] TT 7/9 49/01 9/mj		
miss Turn:		
and RAYERS [51], 0011111118		
next-flower:		
; print curent position of the current player		
cmp si, 2		
je retartitavers		
add si, 1		
imp gameloop		
restart Players:		
mov si, ∅		
imp nextitayer		
no Renalty of Award:		
being wed to bought or among		
imp next Player		
endOfTheGame:		
print Wimer (chient player)		

imp exit