

IDEAL		mov al,11		mov dl,0 ;col
DOSSEG		mov [rowCode],al		int 10h
MODEL tiny		call L3		mov ah, 04Ch
		mov al,12		int 21h ;DOS
DATASEG		mov [rowCode],al	terminate program	
rowCode DB 0		call L4	ENDP	
		mov al,13		
CODESEG		mov [rowCode],al		
ORG 100h		call L3	PROC L1	
		mov al,14	mov	
Start:		mov [rowCode],al	ah,2	;set cursor
PROC Main		call L2	mov	
mov al,3		mov al,15	dh,[rowCode]	;row
mov [rowCode],al		mov [rowCode],al	mov	
call L1		call L1	dl,8	;col
mov al,4		mov al,16	int 10h	
mov [rowCode],al		call L2	call	
call L2		mov al,17	poke	;poke asterisk
mov al,5		mov [rowCode],al	mov ah,2	
mov [rowCode],al		call L3	mov dh,[rowCode]	
call L3		mov al,18	mov dl,14 ; col	
mov al,6		mov [rowCode],al	int 10h	
mov [rowCode],al		call L4	call poke	
call L4		mov al,19	mov ah,2	
mov al,7		mov [rowCode],al	mov dh,[rowCode]	
mov [rowCode],al		call L3	mov dl,20	
call L3		mov al,20	int 10h	
mov al,8		mov [rowCode],al	call poke	
mov [rowCode],al		call L2	ret	
call L2		mov al,21	ENDP L1	
mov al,9		mov [rowCode],al	PROC L2	
mov [rowCode],al		call L1	mov ah,2	
call L1			mov dh,[rowCode]	
mov al,10	Exit:	mov ah,2 ;set	mov dl,7	
mov [rowCode],al	cursor pos		int 10h	
call L2	mov dh,22 ;row		call poke	

	mov	ah,2		int	10h		mov	dl,17
	mov	dh,[rowCode]		call	poke		int	10h
	mov	dl,9		mov	ah,2		call	poke
	int	10h		mov	dh,[rowCode]		mov	ah,2
	call	poke		mov	dl,12		mov	dh,[rowCode]
	mov	ah,2		int	10h		mov	dl,23
	mov	bh,0		call	poke		int	10h
	mov	dh,[rowCode]		mov	ah,2		call	poke
	mov	dl,13		mov	dh,[rowCode]		ret	
	int	10h		mov	dl,16	ENDP	L4	
	call	poke		int	10h			
	mov	ah,2		call	poke			
	mov	dh,[rowCode]		mov	ah,2	PROC	poke	
	mov	dl,15		mov	dh,[rowCode]		; poke asterisk at current	
	int	10h		mov	dl,18		cursor location	
	call	poke		int	10h		mov	ah,0ah
	mov	ah,2		call	poke		mov	al,42
	mov	dh,[rowCode]		mov	ah,2		mov	cx,1
	mov	dl,19		mov	dh,[rowCode]		int	10h
	int	10h		mov	dl,22		ret	
	call	poke		int	10h	ENDP		
	mov	ah,2		call	poke			
	mov	dh,[rowCode]		ret			END	Start
	mov	dl,21	ENDP	L3				
	int	10h						
	call	poke	PROC	L4				
	ret			mov	ah,2			
ENDP	L2			mov	dh,[rowCode]			
PROC	L3			mov	dl,5			
	mov	ah,2		int	10h			
	mov	dh,[rowCode]		call	poke			
	mov	dl,6		mov	ah,2			
	int	10h		mov	dh,[rowCode]			
	call	poke		mov	dl,11			
	mov	ah,2		int	10h			
	mov	dh,[rowCode]		call	poke			
	mov	dl,10		mov	ah,2			
				mov	dh,[rowCode]			