.386p sseg	segment db 64 d	stack use16 'STACK' up(?)
dseg tab	segment	para public use16 'DATA' byte
	db dw db dw	offset cseg: f1Pressed 71 offset cseg: homePressed
	db dw db dw	72 offset cseg: upPressed 73 offset cseg: pageUpPressed
	db dw db dw db	75 offset cseg: leftPressed 77 offset cseg: rightPressed 79
	db dw db dw db	offset cseg: endPressed 80 offset cseg: downPressed 81
f1Str	dw db	offset cseg: pageDownPressed 0 'f1\$'
homeStr upStr pUpStr leftStr	db db db	<pre>'home\$' 'up\$' 'page up\$' 'left\$'</pre>
rghtStr endStr downStr pDwnStr	db db	'right\$' 'end\$' 'down\$' 'page down\$'
dseg	_	para public use16 'CODE' cs:cseg, ds:dseg, ss:sseg
main	proc push push	
main		ax, dseg ds, ax input
input	proc ne	
	push push mov	ah, 15
	int mov mov int	10h ah, 0 al, 2 10h
top:	mov mov	<pre>dx, 0 al, 201 cx, 1</pre>
	call mov mov mov	print dl, 1 al, 205 cx, 78
	call mov mov mov call	print dl, 79 al, 187 cx, 1 print
	mov mov	dh, 1 al, 186 cx, 1
sides:	mov call	dl, 0 print
	mov call inc cmp jl	dl, 79 print dh dh, 24 sides
bottom:	mov	dh, 24 dl, 0
	mov mov call mov	al, 200 cx, 1 print dl, 1
	mov mov call mov mov	al, 205 cx, 78 print dl, 79 al, 188
	mov call	cx, 1 print dx, 0101h
inputLo	mov int	ah, 2 10h
	-	ah, 0 16h al, 0
	cmp je	key al, 113 return colorPrint inputLoop
key:	lea	bx, tab
	cmp je cmp je	<pre>byte ptr[bx], 0 unknownButton ah, [bx] printButton</pre>
printBu	add jmp tton: inc	bx, 3 keyLoop bx
unknown	call jmp	word ptr[bx] inputLoop
	mov call jmp	al, 63 colorPrint inputLoop
return:	pop pop	dx cx
input	pop pop ret endp	bx ax
print	proc push push	near bx cx
printNe	inc	<pre>print_</pre> <pre>dh</pre>
print_:	mov mov int	dl, 1 ah, 2 10h
		ah, 2 10h ah, 10 10h
		dl
	int pop	ah, 2 10h Cx
print	ret endp	bx
colorPr	push jmp	colorPrint_
colorPr		dh dl, 1 ah, 2
	_	10h dh, 24 colorPrintResetCursor colorPrintExit
colorPr	mov int	<pre>dx, 0101h ah, 2 10h</pre>
colorPr		•
		bl, 5fh ah, 9 10h
	mov	colorPrintNewLine ah, 2
colorPr.	int intExit: pop ret	
f1Press		-
f1Press	edLoop: mov call inc	al, byte ptr [bx] colorPrint bx
f1Press	jne ret	<pre>byte ptr [bx], 36 f1PressedLoop</pre>
homePre	ssed pro lea ssedLoop	<pre>bx, homeStr :</pre>
	call inc cmp	<pre>al, byte ptr [bx] colorPrint bx byte ptr [bx], 36 homePressedLoop</pre>
	ret ssed end	p
upPresso	edLoop: mov	<pre>bx, upStr al, byte ptr [bx]</pre>
	inc cmp	colorPrint bx byte ptr [bx], 36 upPressedLoop
upPresso	_	roc near
	lea ressedLo mov call	<pre>bx, pUpStr op:   al, byte ptr [bx]   colorPrint</pre>
	inc cmp	
	ressed e	_
leftPre	ssedLoop mov call inc	al, byte ptr [bx] colorPrint bx
105°	cmp jne ret	<pre>byte ptr [bx], 36 leftPressedLoop</pre>
rightPro		oc near bx, rghtStr
J.1 C F F (	call inc cmp	<pre>al, byte ptr [bx] colorPrint bx byte ptr [bx], 36</pre>
rightPro	jne ret essed en	rightPressedLoop
endPres	sed proc lea sedLoop:	
	call inc cmp	colorPrint
	ret sed endp	-
	ssed pro- lea ssedLoop mov call	bx, downStr
	inc cmp	
		proc near
	lea nPressed mov call	bx, pDwnStr Loop: al, byte ptr [bx] colorPrint
	jne ret	<pre>byte ptr [bx], 36 pageDownPressedLoop</pre>
pageDow	nPressed ends	
	end	main