TITLE QUAD

.MODEL SMALL

.STACK 100h

.DATA

QUAD DB " 1 2 3 4 5 6 1 2 3 4 5 6", 10, 13, "$" ;CX=69

QUAD1 DB " ",218,196,196,196,194,196,196,196,194,196,196,196,194,196,196,196,194,196,196,196,194,196,196,196,191," ",218,196,196,196,194,196,196,196,194,196,196,196,194,196,196,196,194,196,196,196,194,196,196,196,191,10,13,"$"; CX=71

QUAD2A DB " A ",179,"$"; CX=8

QUAD2A2 DB " A ",179,"$" ; CX=15

QUAD2B2 DB " B ",179,"$"; CX=15

QUAD2C2 DB " C ",179,"$"; CX=15

QUAD2D2 DB " D ",179,"$"; CX=15

QUAD2E2 DB " E ",179,"$"; CX=15

QUAD2F2 DB " F ",179,"$"; CX=15

QUADV DB " ",179,"$"; CX=4

QUADC DB 176,176,176,179,"$"; CX=4

QUADA DB 219,219,219,179,"$"; CX=4

QUAD2B DB " B ",179,"$"; CX=8

QUAD2C DB " C ",179,"$"; CX=8

QUAD2D DB " D ",179,"$"; CX=8

QUAD2E DB " E ",179,"$"; CX=8

QUAD2F DB " F ",179,"$"; CX=8

QUAD3 DB " ",195,196,196,196,197,196,196,196,197,196,196,196,197,196,196,196,197,196,196,196,197,196,196,196,180," ",195,196,196,196,197,196,196,196,197,196,196,196,197,196,196,196,197,196,196,196,197,196,196,196,180,10,13,"$"; CX=71

QUAD4 DB " ",192,196,196,196,193,196,196,196,193,196,196,196,193,196,196,196,193,196,196,196,193,196,196,196,217," ",192,196,196,196,193,196,196,196,193,196,196,196,193,196,196,196,193,196,196,196,193,196,196,196,217,10,13,"$"; CX=71

COUNT DB ?

.CODE

PULALINHA PROC

MOV AH, 2

MOV DL, 10

INT 21h

MOV DL, 13

INT 21h

RET

PULALINHA ENDP

MAIN PROC

MOV AX, @DATA

MOV DS, AX

MOV ES, AX ;\*

MOV AH, 0

MOV AL, 3

INT 10H

MOV AX, 1

INT 33h

MOV CX, 5

PULA:

CALL PULALINHA

LOOP PULA

MOV AH, 13h ;Numeros

MOV BP, OFFSET QUAD

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 5

INT 10h

MOV AH, 13h ;Llinha

MOV BP, OFFSET QUAD1

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 6

INT 10h

MOV AH, 13h ;Espaço vazio A

MOV BP, OFFSET QUAD2A

MOV BH, 0

MOV BL, 67

MOV CX, 15

MOV DL, 0

MOV DH, 7

INT 10h

MOV DL, 8

MOV COUNT, 6

MOSTRAR1:

MOV AH, 13h

MOV BP, OFFSET QUADV

MOV BH, 0

MOV BL, 67

MOV CX, 5

MOV DH, 7

INT 10h

ADD DL, 4

DEC COUNT

JNZ MOSTRAR1

MOV AH, 13h ;Espaço vazio A2

MOV BP, OFFSET QUAD2A2

MOV BH, 0

MOV BL, 67

MOV CX, 15

MOV DL, 32

MOV DH, 7

INT 10h

MOV DL, 47

MOV COUNT, 6

MOSTRAR2:

MOV AH, 13h

MOV BP, OFFSET QUADV

MOV BH, 0

MOV BL, 67

MOV CX, 4

MOV DH, 7

INT 10h

ADD DL, 4

DEC COUNT

JNZ MOSTRAR2

MOV AH, 13h

MOV BP, OFFSET QUAD3

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 8

INT 10h

MOV AH, 13h

MOV BP, OFFSET QUAD2B

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 9

INT 10h

MOV AH, 13h

MOV BP, OFFSET QUAD3

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 10

INT 10h

MOV AH, 13h

MOV BP, OFFSET QUAD2C

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 11

INT 10h

MOV AH, 13h

MOV BP, OFFSET QUAD3

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 12

INT 10h

MOV AH, 13h

MOV BP, OFFSET QUAD2D

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 13

INT 10h

MOV AH, 13h

MOV BP, OFFSET QUAD3

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 14

INT 10h

MOV AH, 13h

MOV BP, OFFSET QUAD2E

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 15

INT 10h

MOV AH, 13h

MOV BP, OFFSET QUAD3

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 16

INT 10h

MOV AH, 13h

MOV BP, OFFSET QUAD2F

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 17

INT 10h

MOV AH, 13h

MOV BP, OFFSET QUAD4

MOV BH, 0

MOV BL, 67

MOV CX, 71

MOV DL, 0

MOV DH, 18

INT 10h

MOV AH, 4Ch

INT 21h

MAIN ENDP

END MAIN