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CS-4B

ASSEMBLY LANGUAGE PROJECT REPORT

PIZZA ORDERING SYSTEM

.model small

.stack 100h

.data

var db " Well Come To Delicious Pizza $"

var1 db " Our Menu $"

var2 db " 1.Valtellina 2.Pizza al Pesto 3.Rustica 4.Pizza tartufata $"

var3 db " Select your number $"

var4 db " 1 small 2.medium 3.Large 4.Extra Large $"

var5 db'Please Pay 250 Rs $'

var6 db'Please Pay 350 Rs$'

var7 db'Please Pay 450 Rs$'

var8 db'Please Pay 650 Rs$'

var9 db ' select shape of pizza$'

var10 db ' 1.Square 2.Triangle$'

var11 db ' thank you for your order$'

.code

start:

mov ax,@data

mov ds,ax

mov ah,0

mov al,6

int 10h

mov ah,0BH

mov bh,00h ; set color

mov bl,14

int 10h

mov ah,09

lea dx,var

int 21h

Mov ah,02

Mov dl,0AH; 0AH move cursor to next line

int 21h

Mov ah,02

Mov dl,0dh; 0DH move cursor to start

int 21h

mov ah,09

lea dx,var1

int 21h

Mov ah,02

Mov dl,0AH; 0AH move cursor to next line

int 21h

Mov ah,02

Mov dl,0dh; 0DH move cursor to start

int 21h

mov ah,09

lea dx,var2

int 21h

Mov ah,02

Mov dl,0AH; 0AH move cursor to next line

int 21h

Mov ah,02

Mov dl,0dh; 0DH move cursor to start

int 21h

mov ah,09

lea dx,var3

int 21h

mov ah, 01

int 21h

Mov ah,02

Mov dl,0dh; 0DH move cursor to start

int 21h

valtelenia:

mov ah,09

lea dx,var4

int 21h

mov ah,01

int 21h

cmp al,'1'

je l1

cmp al,'2'

je l2

cmp al,'3'

je l3

Mov ah,02

Mov dl,0AH; 0AH move cursor to next line

int 21h

Mov ah,02

Mov dl,0dh; 0DH move cursor to start

int 21h

l1:

Mov ah,02

Mov dl,0AH; 0AH move cursor to next line

int 21h

Mov ah,02

Mov dl,0dh; 0DH move cursor to start

int 21h

mov ah,09

lea dx,var5

int 21h

jmp selectdia

loop l1

l2:

Mov ah,02

Mov dl,0AH; 0AH move cursor to next line

int 21h

Mov ah,02

Mov dl,0dh; 0DH move cursor to start

int 21h

mov ah,09

lea dx,var6

int 21h

jmp selectdia

loop l2

l3:

Mov ah,02

Mov dl,0AH; 0AH move cursor to next line

int 21h

Mov ah,02

Mov dl,0dh; 0DH move cursor to start

int 21h

mov ah,09

lea dx,var7

int 21h

jmp selectdia

selectdia:

mov ah,02

mov dl,10

int 21h

mov ah,09

lea dx,var9

int 21h

mov ah,02

mov dl,10

int 21h

mov ah,09

lea dx,var10

int 21h

mov ah,02

mov dl,10

int 21h

mov ah,01

int 21h

cmp al,'1'

je sq

cmp al,'2'

je tr

sq:

Mov ax,6

int 10h

mov ah,0BH

mov bh,00h ; set color

mov bl,5

int 10h

;draw line

; LINE 1

MOv ah,0ch

mov al,1

mov cx,10

mov dx,10

L13:

int 10h

inc dx

cmp dx,50

jle L13

; LINE 2

;draw line

MOv ah,0ch

mov al,1

mov cx,10

mov dx,50

L12:

int 10h

inc cx

cmp cx,100

jle L12

; LINE 3

;draw line

MOv ah,0ch

mov al,1

mov cx,10

mov dx,10

L11:

int 10h

inc cx

cmp cx,100

jle L11

; LINE 4

;draw line

MOv ah,0ch

mov al,1

mov cx,100

mov dx,10

L10:

int 10h

inc dx

cmp dx,50

jle L10

;read keyboard

Mov ah,0

int 16h ;int 16h

;set text mode

Mov ax,3

int 10h

;return dos

mov ah,4ch

int 21h

tr:

Mov ax,6

int 10h

mov ah,0BH

mov bh,00h ; set color

mov bl,5

int 10h

mov ah,0CH

mov al,1

mov cx,85

mov dx,70

l15:

int 10h

inc cx

inc dx

cmp cx,200

cmp dx,125

jle l15

;triangle leftline

mov ah,0CH

mov al,1

mov cx,195

mov dx,70

l20:

int 10h

dec cx

inc dx

cmp cx,40

cmp dx,125

jle l20

;triangle bottom

mov ah,0CH

mov al,1

mov cx,85

mov dx,70

l9:

int 10h

inc cx

cmp cx,195

jle l9

mov ah,09

lea dx,var11

int 21h

mov ah,4ch

int 21h

exitp:

mov ah,4ch

int 21h

end start

OUTPUT:







