TITLE My First Program (Test.asm)

INCLUDE Irvine32.inc

BUFFER\_SIZE=500

TitleHeading proto, arr: ptr byte

CompHeading proto, arr: ptr byte

CustomerPanelHeading proto, arr: ptr byte

AdminPanelHeading proto, arr: ptr byte

PrintCurrentBill proto, arr: dword

.data

CustomerBill byte 500 DUP(?)

ItemPsent byte "Enter the products you want to buy:",0

ProductFileName byte "Products.txt"

CustomerNameSent byte "Enter the name of the customer",0

EnterProductPrompt byte "Enter the products the customer has bought:",0

ProductName byte 10 DUP(0)

CustomerName byte 9 DUP(0)

ProdAvailableMessage byte "The Products currently available are ",0

productNamePrompt byte "Enter the name of the product you want to enter",0

fileHandle HANDLE ?

wrongpassprompt byte "You entered the wrong password enter again",0

thankyouprompt byte "Thank You so much for choosing your store",0dh,0ah

byte "Regards from Zulnoor, Wamiq and Bilal :)",0

passwordprompt byte "Enter the password",0

adminpanelsent byte "Choose any of the give options", 0dh, 0ah

byte "1. Add new items ",0dh,0ah

byte "2. View available items",0dh,0ah

byte "3. Return to main menu",0dh,0ah

byte "4. Exit",0

main\_message byte "Choose any of the give options", 0dh, 0ah

byte "1. Buy Products ",0dh,0ah

byte "2. Login as Administrator",0dh,0ah

byte "3. Exit",0

TitleHeadingsent byte "====================================",0dh,0ah

byte "Proudly Presented by:", 0dh, 0ah

byte "1) Bilal Ahmed Khan (20k-0183)",0dh,0ah

byte "2) Zulnoor Siddiqui (20k-1090)",0dh,0ah

byte "1) Mohammad Wamiq Akram (20k-1857)",0dh,0ah

byte "====================================",0dh,0ah

byte "Press any key to continue....",0

CompHeadingsent byte "==========================================================",0dh,0ah

byte " Stationary Shop Managment Software",0dh,0ah

byte "Provider of best sationary items at most reasonable prices",0dh,0ah

byte "==========================================================",0

customerpanelheadingsent byte "==========================================================",0dh,0ah

byte " CUSTOMER PURCHASE ",0dh,0ah

byte "==========================================================",0

adminpanelheadingsent byte "==========================================================",0dh,0ah

byte " ADMIN PANEL ",0dh,0ah

byte "==========================================================",0

PrintCurrentBillsent BYTE "Current Bill is ",0

.code

main PROC

mov eax, 0

mov ebx, 0

mov ecx, 0

mov edx, 0

strt:

invoke TitleHeading, addr TitleHeadingsent

invoke CompHeading, addr CompHeadingsent

mov edx, offset main\_message

call writestring

mov eax,0

call crlf

call readdec

cmp eax, 1

je ItemP

cmp eax, 2

je AdmP

cmp eax, 3

je EE

jmp EE

ItemP:

call ItemPurchase

jmp EE

AdmP:

call AdminPanel

EE:

mov edx, offset thankyouprompt

call writestring

call DumpRegs

exit

main ENDP

TitleHeading proc, arr: ptr byte

call clrscr

mov edx, arr

call writestring

mov eax, 1000

call delay

call clrscr

ret 4

TitleHeading endp

CompHeading proc, arr: ptr byte

call clrscr

mov edx, arr

call writestring

call readchar

call crlf

ret 4

CompHeading endp

CustomerPanelHeading proc, arr: ptr byte

call clrscr

mov edx, arr

call writestring

ret 4

CustomerPanelHeading endp

AdminPanelHeading proc, arr: ptr byte

call clrscr

mov edx, arr

call writestring

ret 4

AdminPanelHeading endp

PrintCurrentBill proc, arr: dword

mov edx, offset PrintCurrentBillsent

call writestring

mov eax, arr

call writedec

ret 4

PrintCurrentBill endp

ItemPurchase Proc

Local strlegth : dword

mov edx, offset CustomerNameSent

call writestring

call crlf

mov edx, offset CustomerName

mov ecx, 10

call readstring

call crlf

mov [CustomerName+5],"."

mov [CustomerName+6],"t"

mov [CustomerName+7],"x"

mov [CustomerName+8],"t"

mov [CustomerName+9],0

mov edx, offset EnterProductPrompt

call writestring

call crlf

mov edx, offset CustomerName

call CreateOutputFile

mov fileHandle, eax

mov edx, offset CustomerBill

mov ecx, 500

call Readstring

mov strlegth,eax

mov eax, fileHandle

mov edx, OFFSET CustomerBill

mov ecx, strlegth

call WriteToFile

ret

ItemPurchase endp

AdminPanel proc

Local var1: dword, var2:dword, var3:dword, choice:dword

EnterPass:

call crlf

mov edx, offset passwordprompt

call writestring

call crlf

call readdec

mov var1,eax

call readdec

mov var2,eax

call readdec

mov var3, eax

cmp var1,1

jne wrongpass

cmp var2,2

jne wrongpass

cmp var3,3

jne wrongpass

mov edx, offset adminpanelsent

call writestring

call crlf

call readdec

mov choice, eax

cmp choice, 1

je AddProd

cmp choice,2

je ViewProd

AddProd:

mov edx, offset ProductFileName

call CreateOutputFile

mov fileHandle, eax

mov edx, offset productNamePrompt

call writestring

call crlf

mov edx, offset ProductName

mov ecx, 11

call readstring

mov eax, fileHandle

mov edx, offset ProductName

call WriteToFile

jmp Maanmenu

call Dumpregs

cmp eax, 4

jmp Maanmenu

ViewProd:

mov edx, offset ProductFileName

call OpenInputFile

mov fileHandle,eax

mov edx, offset ProductName

mov ecx, 10

call ReadFromFile

mov ProductName[eax],0

mov edx, offset ProductName

call writestring

mov eax, 1000

call delay

call crlf

jmp Maanmenu

Maanmenu:

call main

wrongpass:

mov edx, offset wrongpassprompt

call writestring

call crlf

jmp EnterPass

ret

AdminPanel endp

END main