**PROJECT**

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**Car Dealership Project**

include Irvine32.inc

Bsize = 10000

.data

str0 byte "=================================================================================================================================",0

str1 byte " --> Enter your name: ",0

str2 byte " --> Enter your Father name: ",0

str3 byte " --> Enter your phone number: ",0

str4 byte " --> Enter your CNIC number: ",0

str5 byte " Sir if you want that car at your home (Delivery Charges will be applied according to route) then enter 1 and provide information about yourself....",0

str6 byte " Enter your address: ",0

str7 byte " OK sir we will deliver your car at you home......",0

str8 byte " Sir if you can give us payment by account then enter 1 elseif you want to pay by check then enter any digit...",0

str9 byte " ----Sir here is detail of our showroom give us payment and take your car",0

str10 byte " --> our Account Title is: SOFI Showroom ",0

str11 byte " --> our Account no is: 1253456478791011 ",0

str12 byte " --> Bank Name is: Habib Bank Limited (HBL) ",0

msg1 byte " Sir enter serial no of company from which you want cars: ",0

msg2 byte " Sir enter serial no of car which you want to buy...... ",0

msg3 byte " .....Sir please enter correct Serial no.... ",0

msg4 byte " Sir if you want to again see another car then enter 1 elseif you want to buy that car so enter another digit........",0

msg5 byte " ....Thanks for comming Mr: ",0

msg6 byte " Sir if you want more car then enter 1 else if you want just one car then enter another digit....",0

msg7 byte " OK Sir Your Car will be deliverd at this address..... ",0

msg8 byte " ",0

s1 byte "F1.txt",0 ;used to name the files

s2 byte "F2.txt",0

s3 byte "F3.txt",0

s4 byte "F4.txt",0

s5 byte "F5.txt",0

s6 byte "F6.txt",0

s7 byte "F7.txt",0

s8 byte "F8.txt",0

s9 byte "F9.txt",0

s10 byte "F10.txt",0

s11 byte "F11.txt",0

s12 byte "F12.txt",0

s13 byte "F13.txt",0

s14 byte "F15.txt",0

s15 byte "F16.txt",0

s16 byte "F17.txt",0

s17 byte "F18.txt",0

s18 byte "F19.txt",0

s19 byte "F20.txt",0

s20 byte "F21.txt",0

s21 byte "F22.txt",0

s22 byte "F23.txt",0

h HANDLE ? ;used to give path of file for read/write int and read/write string

h1 HANDLE ?

h2 HANDLE ?

h3 HANDLE ?

h4 HANDLE ?

h5 HANDLE ?

h6 HANDLE ?

h7 HANDLE ?

h8 HANDLE ?

h9 HANDLE ?

h10 HANDLE ?

h11 HANDLE ?

h12 HANDLE ?

h13 HANDLE ?

h14 HANDLE ?

h15 HANDLE ?

h16 HANDLE ?

h17 HANDLE ?

h18 HANDLE ?

h19 HANDLE ?

h20 HANDLE ?

h21 HANDLE ?

a1 byte Bsize DUP(?) ;used to store data in this array/string for for read/write int and read/write string

a2 byte Bsize DUP(?)

a3 byte Bsize DUP(?)

a4 byte Bsize DUP(?)

a5 byte Bsize DUP(?)

a6 byte Bsize DUP(?)

a7 byte Bsize DUP(?)

a8 byte Bsize DUP(?)

a9 byte Bsize DUP(?)

a10 byte Bsize DUP(?)

a11 byte Bsize DUP(?)

a12 byte Bsize DUP(?)

a13 byte Bsize DUP(?)

a14 byte Bsize DUP(?)

a15 byte Bsize DUP(?)

a16 byte Bsize DUP(?)

a17 byte Bsize DUP(?)

a18 byte Bsize DUP(?)

a19 byte Bsize DUP(?)

a20 byte Bsize DUP(?)

a21 byte Bsize DUP(?)

a22 byte Bsize DUP(?)

a23 byte Bsize DUP(?)

a24 byte Bsize DUP(?)

a25 byte Bsize DUP(?)

v1 dd ? ;used variables to store data

v2 dd ?

v3 dd ?

v4 dd ?

v5 dd ?

v6 dd ?

v7 dd ?

v8 dd ?

v9 dd ?

v10 dd ?

v11 dd ?

v12 dd ?

v13 dd ?

v14 dd ?

v15 dd ?

v16 dd ?

v17 dd ?

v18 dd ?

v19 dd ?

v20 dd ?

v21 dd ?

v22 dd ?

v23 dd ?

v24 dd ?

v25 dd ?

v26 dd ?

v27 dd ?

v28 dd ?

v29 dd ?

v30 dd ?

v31 dd ?

v32 dd ?

v33 dd ?

v34 dd ?

v35 dd ?

v36 dd ?

v37 dd ?

v38 dd ?

v39 dd ?

v40 dd ?

v41 dd ?

v42 dd ?

v43 dd ?

v44 dd ?

a dd ?

.code

main proc

mov eax,10

call settextcolor

Again: ; we use this lable to again buy more cars

mov edx,offset s1

call openinputfile

mov h,eax

mov v1,eax

mov edx,offset a1

mov ecx,bsize

mov eax,h

call readfromfile

mov v2,eax

mov edx,offset a1

call writestring

mov eax,h

call closefile

call crlf

mov eax,3

call settextcolor

call crlf

call crlf

mov edx,offset msg1

call writestring

call readint

Again1: ;this lable is used to again see car if customer has not intersted...

.if eax==1 ;condition is used to call 1st company

call crlf

mov edx,offset s2

call openinputfile

mov h1,eax

mov v3,eax

mov edx,offset a2

mov ecx,bsize

mov eax,h1

call readfromfile

mov v4,eax

mov edx,offset a2

call writestring

mov eax,h1

call closefile

call crlf

call crlf

.elseif eax==2 ;condition is used to call 2nd company

call crlf

mov edx,offset s6

call openinputfile

mov h5,eax

mov v11,eax

mov edx,offset a6

mov ecx,bsize

mov eax,h5

call readfromfile

mov v12,eax

mov edx,offset a6

call writestring

mov eax,h5

call closefile

call crlf

call crlf

.elseif eax==3 ;condition is used to call 3rd company

call crlf

mov edx,offset s10

call openinputfile

mov h9,eax

mov v19,eax

mov edx,offset a10

mov ecx,bsize

mov eax,h9

call readfromfile

mov v20,eax

mov edx,offset a10

call writestring

mov eax,h9

call closefile

call crlf

call crlf

.elseif eax==4 ;condition is used to call 4th company

call crlf

mov edx,offset s14

call openinputfile

mov h13,eax

mov v27,eax

mov edx,offset a14

mov ecx,bsize

mov eax,h13

call readfromfile

mov v28,eax

mov edx,offset a14

call writestring

mov eax,h13

call closefile

call crlf

Call crlf

.elseif eax==5 ;condition is used to call 5th company

call crlf

mov edx,offset s18

call openinputfile

mov h17,eax

mov v35,eax

mov edx,offset a18

mov ecx,bsize

mov eax,h17

call readfromfile

mov v36,eax

mov edx,offset a18

call writestring

mov eax,h17

call closefile

call crlf

Call crlf

.else

call crlf

call crlf

mov edx,offset str0

call writestring

call crlf

call crlf

call crlf

mov edx,offset msg3

call writestring

call crlf

call crlf

call crlf

mov edx,offset str0

call writestring

call crlf

call crlf

call crlf

mov edx,offset msg1

call writestring

call readint

jmp Again1

call crlf

call crlf

jmp next

.endif

mov eax,7

call settextcolor

Again2: ;we use this lable to again see car

call crlf

call crlf

mov edx,offset msg2

call writestring

call readint

mov ebx,eax

.if ebx==1 ;conditions are used to call 1st car of 1st comapny

mov edx,offset s3

call openinputfile

mov h2,eax

mov v5,eax

mov edx,offset a3

mov ecx,bsize

mov eax,h2

call readfromfile

mov v6,eax

mov edx,offset a3

call writestring

mov eax,h2

call closefile

call crlf

.elseif ebx==2 ;conditions are used to call 2nd car of 1st comapny

mov edx,offset s4

call openinputfile

mov h3,eax

mov v7,eax

mov edx,offset a4

mov ecx,bsize

mov eax,h3

call readfromfile

mov v8,eax

mov edx,offset a4

call writestring

mov eax,h3

call closefile

call crlf

.elseif ebx==3 ;conditions are used to call 3rd car of 1st comapny

mov edx,offset s5

call openinputfile

mov h4,eax

mov v9,eax

mov edx,offset a5

mov ecx,bsize

mov eax,h4

call readfromfile

mov v10,eax

mov edx,offset a5

call writestring

mov eax,h4

call closefile

call crlf

.elseif ebx==11 ;conditions are used to call 1st car of 2nd comapny

mov edx,offset s7

call openinputfile

mov h6,eax

mov v13,eax

mov edx,offset a7

mov ecx,bsize

mov eax,h6

call readfromfile

mov v14,eax

mov edx,offset a7

call writestring

mov eax,h6

call closefile

call crlf

.elseif ebx==12 ;conditions are used to call 2nd car of 2nd comapny

mov edx,offset s8

call openinputfile

mov h7,eax

mov v15,eax

mov edx,offset a8

mov ecx,bsize

mov eax,h7

call readfromfile

mov v16,eax

mov edx,offset a8

call writestring

mov eax,h7

call closefile

call crlf

.elseif ebx==13 ;conditions are used to call 3rd car of 2nd comapny

mov edx,offset s9

call openinputfile

mov h8,eax

mov v17,eax

mov edx,offset a9

mov ecx,bsize

mov eax,h8

call readfromfile

mov v18,eax

mov edx,offset a9

call writestring

mov eax,h8

call closefile

call crlf

.elseif ebx==21 ;conditions are used to call 1st car of 3rd comapny

mov edx,offset s11

call openinputfile

mov h10,eax

mov v21,eax

mov edx,offset a11

mov ecx,bsize

mov eax,h10

call readfromfile

mov v22,eax

mov edx,offset a11

call writestring

mov eax,h10

call closefile

call crlf

.elseif ebx==22 ;conditions are used to call 2nd car of 3rd comapny

mov edx,offset s12

call openinputfile

mov h11,eax

mov v23,eax

mov edx,offset a12

mov ecx,bsize

mov eax,h11

call readfromfile

mov v24,eax

mov edx,offset a12

call writestring

mov eax,h11

call closefile

call crlf

.elseif ebx==23 ;conditions are used to call 3rd car of 3rd comapny

mov edx,offset s13

call openinputfile

mov h12,eax

mov v25,eax

mov edx,offset a13

mov ecx,bsize

mov eax,h12

call readfromfile

mov v26,eax

mov edx,offset a13

call writestring

mov eax,h12

call closefile

call crlf

.elseif ebx==31 ;conditions are used to call 1st car of 4th comapny

mov edx,offset s15

call openinputfile

mov h14,eax

mov v29,eax

mov edx,offset a15

mov ecx,bsize

mov eax,h14

call readfromfile

mov v30,eax

mov edx,offset a15

call writestring

mov eax,h14

call closefile

call crlf

.elseif ebx==32 ;conditions are used to call 2nd car of 4th comapny

mov edx,offset s16

call openinputfile

mov h15,eax

mov v31,eax

mov edx,offset a16

mov ecx,bsize

mov eax,h15

call readfromfile

mov v32,eax

mov edx,offset a16

call writestring

mov eax,h15

call closefile

call crlf

.elseif ebx==33 ;conditions are used to call 3rd car of 4th comapny

mov edx,offset s17

call openinputfile

mov h16,eax

mov v33,eax

mov edx,offset a17

mov ecx,bsize

mov eax,h16

call readfromfile

mov v34,eax

mov edx,offset a17

call writestring

mov eax,h16

call closefile

call crlf

.elseif ebx==41 ;conditions are used to call 1st car of 5th comapny

mov edx,offset s19

call openinputfile

mov h18,eax

mov v37,eax

mov edx,offset a19

mov ecx,bsize

mov eax,h18

call readfromfile

mov v38,eax

mov edx,offset a19

call writestring

mov eax,h18

call closefile

call crlf

.elseif ebx==42 ;conditions are used to call 2nd car of 5th comapny

mov edx,offset s20

call openinputfile

mov h19,eax

mov v39,eax

mov edx,offset a20

mov ecx,bsize

mov eax,h19

call readfromfile

mov v40,eax

mov edx,offset a20

call writestring

mov eax,h19

call closefile

call crlf

.elseif ebx==43 ;conditions are used to call 3rd car of 5th comapny

mov edx,offset s21

call openinputfile

mov h20,eax

mov v41,eax

mov edx,offset a21

mov ecx,bsize

mov eax,h20

call readfromfile

mov v42,eax

mov edx,offset a21

call writestring

mov eax,h20

call closefile

call crlf

.else

call crlf

call crlf

mov edx,offset str0

call writestring

call crlf

call crlf

call crlf

mov edx,offset msg3

call writestring

call crlf

call crlf

mov edx,offset str0

call writestring

call crlf

call crlf

jmp Again2 ;use for again selction of car

call crlf

call crlf

jmp next

.endif

mov eax,7

call settextcolor ;we use this function for color the lines

call crlf

call crlf

mov edx,offset msg4

call writestring

call readint

mov esi,eax

call crlf

call crlf

.if esi==1 ;we use this condition to see again car if customer not interested in this car....

jmp Again

.endif

mov eax,6

call settextcolor

mov edx,offset str0

call writestring

call crlf

call crlf

call crlf

mov edx,offset str8

call writestring

call readint

mov a,eax

push a

call crlf

call payment

call crlf

mov eax,7

call settextcolor

call crlf

call crlf

mov edx,offset str0

call writestring

call crlf

call crlf

call crlf

mov eax,9

call settextcolor

mov edx,offset str5

call writestring

call readint

.if eax==1 ;we use this condition for home delivery

call crlf

call crlf

call crlf

mov edx,offset str1

call writestring

mov edx,offset a23

mov ecx, bsize

call readString

mov ebp,edx

call crlf

mov edx,offset str2

call writestring

mov ecx, bsize

call readString

mov esi,eax

call crlf

mov edx,offset str3

call writestring

mov ecx, bsize

call readString

mov edx,eax

call crlf

mov edx,offset str4

call writestring

mov esi, bsize

call readString

mov edx,eax

call crlf

mov edx,offset str6

call writestring

mov edx,offset a25

mov ecx, bsize

call readString

mov esp,edx

mov edx,offset a24

mov ecx, bsize

call readString

call crlf

call crlf

call crlf

call crlf

mov eax,8

call settextcolor

mov edx,offset msg7

call writestring

call crlf

call crlf

call crlf

mov edx,offset msg8

call writestring

mov edx,offset a25

mov esp,edx

call writestring

call crlf

.else ;we use this condition for customer to provide information.....

call crlf

call crlf

call crlf

mov eax,3

call settextcolor

mov edx,offset str1

call writestring

mov edx,offset a23

mov ecx, bsize

call readString

mov ebp,edx

call crlf

mov edx,offset str2

call writestring

mov ecx, bsize

call readString

mov esi,eax

call crlf

mov edx,offset str3

call writestring

mov ecx, bsize

call readString

mov edx,eax

call crlf

mov edx,offset str4

call writestring

mov esi, bsize

call readString

mov edx,eax

call crlf

.endif

mov eax,10

call settextcolor

call crlf

call crlf

mov edx,offset str0

call writestring

call crlf

call crlf

mov edx,offset msg5

call writestring

mov edx,offset a23

mov ebp,edx

call writestring

call crlf

mov edx,offset s22

call openinputfile

mov h21,eax

mov v43,eax

mov edx,offset a22

mov ecx,bsize

mov eax,h21

call readfromfile

mov v44,eax

mov edx,offset a22

call writestring

mov eax,h21

call closefile

call crlf

mov eax,8

call settextcolor

call crlf

mov edx,offset msg6

call writestring

call readint

call crlf

call crlf

.if eax==1 ;we use this condition for customer to buy more cars...

jmp Again

.else

mov edx,offset str0

call writestring

call crlf

call crlf

.endif

next: ;we use this lable to end code

mov eax,5

call settextcolor

exit

main endp

payment proc ; we use payment procudure to check conditions for payment...

push ebp

mov ebp,esp

mov eax,[ebp+8]

.if eax==1 ; we use this condition for online payment

mov edx,offset str9

call writestring

call crlf

call crlf

call crlf

mov edx,offset str10

call writestring

call crlf

call crlf

call crlf

mov edx,offset str11

call writestring

call crlf

call crlf

call crlf

mov edx,offset str12

call writestring

call crlf

call crlf

call crlf

.else ;we use this condition to take payment by check

mov edx,offset str9

call writestring

call crlf

call crlf

call crlf

mov edx,offset str11

call writestring

call crlf

.endif

pop ebp

ret

payment endp

end main