Eastern Visayas State University

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College of Engineering

In partial fullfilment of the subject

IT

OPERATING SYSTEM

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**CODES**

#include<stdio.h>

#include<string.h>

#include<dir.h>

#include<conio.h>

#define L 100

#define I 100

main()

{

int done,x,c,b,n;

char list[L][I];

struct ffblk a;

char curdir[MAXPATH];

while(1)

{

clrscr();

textbackground(0);

background();

done = findfirst("\*.\*",&a,0);

n=0; textcolor(1); textbackground(7);

while(!done && n <= 44)

{

strcpy(list[n],a.ff\_name);

done= findnext(&a);

n++;

}

c=8; b=5;

gotoxy(c,b);

for(x=0;x<n;x++)

{

cprintf("%s",list[x]);

b=b+1;

gotoxy(c,b);

if(b==20)

{

c=c+25; b=5;

gotoxy(c,b);

}

}

n=cursor(list);

load(list[n]);

getch();

}

}

int background()

{

int x=3,y=2;

char direct[100];

gotoxy(x,y); textbackground(3);

cprintf(" ");

y=3;

while(y<=20)

{

gotoxy(x,y); cprintf(" ");

gotoxy(73,y); cprintf(" ");

y++;

}

gotoxy(3,21);

cprintf(" ");

gotoxy(5,3); textbackground(4);

cprintf(" ");

textcolor(7);

gotoxy(6,3); cprintf("DIRECTORY: %s",getcwd(direct, 100));

y=4;

while(y<=20)

{

textbackground(7);

gotoxy(5,y);

cprintf(" ");

y++;

}

return(0);

}

int cursor(char list[L][I])

{

int x,y, c,n2,n;

c='\0';

x=7;

y=5;

n2=0;

gotoxy(x,y);

textcolor(7);

textbackground(4);

cprintf(" "); gotoxy(x,y);

cprintf(" %s ",list[n2]);

while(c!=13)

{

c=getch();

if (c==80){

gotoxy(x,y);

textcolor(1);

textbackground(7);

cprintf(" "); gotoxy(x,y);

cprintf(" %s ",list[n2]);

y=y+1;

n2=n2+1;

if (y==20)

{

n2=n2-15;

y=5;

gotoxy(x,y);

}

gotoxy(x,y);

textcolor(7);

textbackground(4);

cprintf(" "); gotoxy(x,y);

cprintf(" %s " ,list[n2]);

}

if (c==72)

{

gotoxy(x,y);

textcolor(1);

textbackground(7);

cprintf(" "); gotoxy(x,y);

cprintf(" %s ",list[n2]);

y=y-1;

n2=n2-1;

if(y==4)

{

y=19;

n2=n2+15;

}

gotoxy(x,y);

textcolor(7);

textbackground(4);

cprintf(" "); gotoxy(x,y);

cprintf(" %s ",list[n2]);

}

if(c==77)

{

gotoxy(x,y);

textcolor(1);

textbackground(7);

cprintf(" "); gotoxy(x,y);

cprintf(" %s ",list[n2]);

x=x+25;

n2=n2+15;

if(x>75)

{

x=7;

n2=n2-45;

}

gotoxy(x,y);

textcolor(7);

textbackground(4);

cprintf(" "); gotoxy(x,y);

cprintf(" %s ",list[n2]);

}

if(c==75)

{

gotoxy(x,y);

textcolor(1);

textbackground(7);

cprintf(" "); gotoxy(x,y);

cprintf(" %s ",list[n2]);

x=x-25;

n2=n2-15;

if(x<7)

{

x=57;

n2=n2+45;

}

gotoxy(x,y);

textcolor(7);

textbackground(4);

cprintf(" "); gotoxy(x,y);

cprintf(" %s ",list[n2]);

}

if(c==27)

{

exit(0);

}

}

return n2;

}

int load(char \*p)

{

char path[100];

textbackground(0);

clrscr();

printf("%s\\%s\n",getcwd(path,100),p);

system(p);

textbackground(0);

}