/\*BATCH : H10

ROLL NO : 23269

PROBLEM STATEMENT : Write menu driven program in C using int86(), int86x(), intdos()

and intdosx() functions for implementing following operations on

file.

i. To delete a file

ii. To create a directory

iii. To copy a file \*/

#include<stdio.h>

#include<conio.h>

#include<stdlib.h>

#include<dos.h>

#define SIZE 50

union REGS in,out;

struct SREGS s;

//function declaration

void createdir();

void deletefile();

void copyfile();

void main()

{

int choice;

clrscr();

while(1)

{

printf("\nC programming using DOS functions\n");

printf("1. Create directory\n");

printf("2. Delete file\n");

printf("3. Copy file\n");

printf("4. Exit program\n");

printf("\nEnter your choice:- ");

scanf("%d", &choice);

switch(choice)

{

case 1:

createdir();

break;

case 2:

deletefile();

break;

case 3:

copyfile();

break;

case 4:

exit(0);

}

}

getch();

}

void createdir()

{

char dirname[50];

flushall();

printf("Enter directory name:- ");

gets(dirname);

in.x.dx=(int)&dirname;

in.h.ah=0x39;

intdos(&in,&out);

if(!out.x.cflag)

printf("Directory created successfully\n");

else

printf("Directory could not be created\n");

}

void deletefile()

{

char filename[50];

flushall();

printf("\nEnter the filename to delete:-");

gets(filename);

in.h.ah=0x41;

in.x.dx=FP\_OFF(filename);

intdos(&in,&out);

if(!out.x.cflag)

printf("\nFile deleted successfully\n");

else

printf("\nError\n");

}

void copyfile()

{

char far(filename1[128]);

char far(filename2[128]);

char far(buffer[256]);

int h1,h2;

flushall();

printf("\nEnter name of the file to be copied:- ");

gets(filename1);

in.h.ah=0X3D;

in.x.dx=FP\_OFF(filename1);

s.ds=FP\_SEG(filename1);

in.h.al=0X00;

intdosx(&in,&out,&s);

h1=out.x.ax;

if(!out.x.cflag)

printf("\n\n Reading file: - %s",filename1);

else

printf("\nNot reading file:- %s", filename1);

printf("\n\nEnter new filename to be created:- ");

gets(filename2);

in.h.ah=0X3C;

in.x.dx=FP\_OFF(filename2);

in.x.cx=0X00;

intdosx(&in,&out,&s);

if(out.x.cflag==0)

printf("\nCreated file: -%s",filename2);

in.h.ah=0X3D;

in.x.dx=FP\_OFF(filename2);

s.ds=FP\_SEG(filename2);

in.h.al=0X01;

intdosx(&in,&out,&s);

h2=out.x.ax;

if(!out.x.cflag)

printf("\nFile %s opened in write mode",filename2);

in.h.ah=0X3F;

in.x.bx=h1;

in.x.cx=0XFF;

in.x.dx=FP\_OFF(buffer);

s.ds=FP\_SEG(buffer);

intdosx(&in,&out,&s);

if(!out.x.cflag)

{

printf("\nReading file %s",filename1);

printf("\nBytes read:- %u",out.x.ax);

}

in.h.ah=0X40;

in.x.bx=h2;

in.x.cx=0XFF;

in.x.dx=FP\_OFF(buffer);

s.ds=FP\_SEG(buffer);

intdosx(&in,&out,&s);

if(!out.x.cflag)

{

printf("\nWriting file %s",filename1);

printf("\nBytes written:- %u",out.x.ax);

}

in.h.ah=0X3E;

in.x.bx=h1;

intdos(&in,&out);

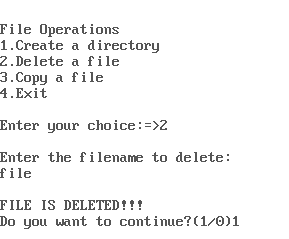
in.h.ah=0X3E;

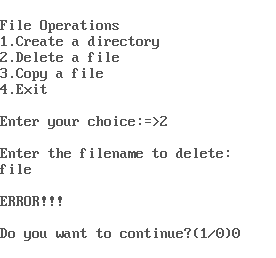
in.x.bx=h2;

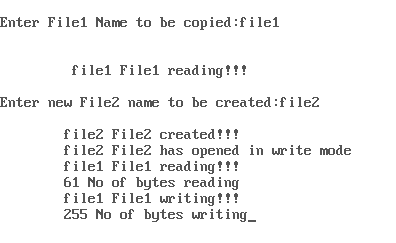
intdos(&in,&out);

}

**OUTPUT :**

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