#input:

#include<iostream>

#include<fstream>

#include<string.h>

using namespace std;

class employee

{

typedef struct empl

{

int id;

char name[10];

int salary;

char desig[10];

}empl;

empl rec;

public:

void create();

void display();

int search();

void Delete();

};

void employee::create()

{

char ans;

ofstream fout;

fout.open("empl.txt",ios::out|ios::binary);

do

{

cout<<"\n\tEnter id No of employee : ";

cin>>rec.id;

cout<<"\n\tEnter a Name of employee : ";

cin>>rec.name;

cout<<"\n\tEnter a Salary of employee : ";

cin>>rec.salary;

cout<<"\n\tEnter a deignation of employee : ";

cin>>rec.desig;

fout.write((char \*)&rec,sizeof(empl))<<flush;

cout<<"\n\tDo You Want to Add More Records: ";

cin>>ans;

}while(ans=='y'||ans=='Y');

fout.close();

}

void employee::display()

{

ifstream fin;

fin.open("empl.txt",ios::in|ios::binary);

fin.seekg(0,ios::beg);

cout<<"\n\tThe Content of File are:\n";

cout<<"\n\tid\tName\tsalary\tdesigress";

while(fin.read((char \*)&rec,sizeof(empl)))

{

if(rec.id!=-1)

cout<<"\n\t"<<rec.id<<"\t"<<rec.name<<"\t"<<rec.salary<<"\t"<<rec.desig;

}

fin.close();

}

int employee::search()

{

int r,i=0;

ifstream fin;

fin.open("empl.txt",ios::in|ios::binary);

fin.seekg(0,ios::beg);

cout<<"\n\tEnter a id No: ";

cin>>r;

while(fin.read((char \*)&rec,sizeof(empl)))

{

if(rec.id==r)

{

cout<<"\n\tRecord Found...\n";

cout<<"\n\tid\tName\tsalary\tdesignation";

cout<<"\n\t"<<rec.id<<"\t"<<rec.name<<"\t"<<rec.salary<<"\t"<<rec.desig;

return i;

}

i++;

}

return -1;

fin.close();

}

void employee::Delete()

{

int pos;

pos=search();

fstream f;

f.open("empl.txt",ios::in|ios::out|ios::binary);

f.seekg(0,ios::beg);

if(pos==-1)

{

cout<<"\n\tRecord Not Found";

return;

}

int offset=pos\*sizeof(empl);

f.seekp(offset);

rec.id=-1;

strcpy(rec.name,"NULL");

rec.salary='N';

strcpy(rec.desig,"NULL");

f.write((char \*)&rec,sizeof(empl));

f.seekg(0);

f.close();

cout<<"\n\tRecord Deleted";

}

int main()

{

employee obj;

int ch,key;

char ans;

do

{

cout<<"\n\t\*\*\*\*\* employee Information \*\*\*\*\*";

cout<<"\n\t1. Create\n\t2. Display\n\t3. Delete\n\t4. Search\n\t5.Exit";

cout<<"\n\t..... Enter Your Choice: ";

cin>>ch;

switch(ch)

{

case 1: obj.create();

break;

case 2: obj.display();

break;

case 3: obj.Delete();

break;

case 4: key=obj.search();

if(key==-1)

cout<<"\n\tRecord Not Found...\n";

break;

case 5:

break;

}

cout<<"\n\t..... Do You Want to Continue in Main Menu: ";

cin>>ans;

}while(ans=='y'||ans=='Y');

return 1;

}

#output:

\*\*\*\*\* employee Information \*\*\*\*\*

1. Create

2. Display

3. Delete

4. Search

5.Exit

..... Enter Your Choice: 1

Enter id No of employee : 10

Enter a Name of employee : aa

Enter a Salary of employee : 789654

Enter a deignation of employee : worker

Do You Want to Add More Records: y

Enter id No of employee : 20

Enter a Name of employee : abc

Enter a Salary of employee : 456987123

Enter a deignation of employee : manager

Do You Want to Add More Records: n

..... Do You Want to Continue in Main Menu: y

\*\*\*\*\* employee Information \*\*\*\*\*

1. Create

2. Display

3. Delete

4. Search

5.Exit

..... Enter Your Choice: 2

The Content of File are:

id Name salary desigress

10 aa 789654 worker

20 abc 456987123 manager

..... Do You Want to Continue in Main Menu: y

\*\*\*\*\* employee Information \*\*\*\*\*

1. Create

2. Display

3. Delete

4. Search

5.Exit

..... Enter Your Choice: 3

Enter a id No: 10

Record Found...

id Name salary designation

10 aa 789654 worker

Record Deleted

..... Do You Want to Continue in Main Menu: y

\*\*\*\*\* employee Information \*\*\*\*\*

1. Create

2. Display

3. Delete

4. Search

5.Exit

..... Enter Your Choice: 2

The Content of File are:

id Name salary desigress

20 abc 456987123 manager

..... Do You Want to Continue in Main Menu: n