A school BOARD maintains the following records in their "SEEC.REC"

MENU: FIELDS:

Append Rec.: Student name, School Name, Percentage obtained

Display Rec.: All the records Menu: Fields

Search Rec.: Having above 85% : using Student name (any)

Delete Rec.: using Student name (any)

**PROGRAM**

#include <stdio.h>

#include <string.h>

struct rec

{

char name[15];

char scl\_nam[30];

int percent;

} R;

int main()

{

int i, n, s;

FILE \*fpt, \*tpt;

printf("\n\*\*\*\*\*\* MENU \*\*\*\*\*\*\n1) Add records.\n2) Search record.\n3) Display all records.\n4) Delete a record.\n Enter choise(1-4): ");

scanf("%d", &s);

switch (s)

{

case 1:

fpt = fopen("SEEC.REC", "a");

printf("Number of records to add: ");

scanf("%d", &n);

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

{

printf("Enter student's name: ");

scanf("%s", &R.name);

printf("Enter schools name: ");

scanf("%s", &R.scl\_nam);

printf("Enter percentage obtained: ");

scanf("%d", &R.percent);

fwrite(&R, sizeof(R), 1, fpt);

}

fclose(fpt);

break;

case 2:

fpt = fopen("SEEC.REC", "r");

while (fread(&R, sizeof(R), 1, fpt) == 1)

{

if (R.percent > 85)

printf("\nStudent name: %s\nSchool name: %s\nPercentage: %d\n", R.name, R.scl\_nam, R.percent);

}

fclose(fpt);

break;

case 3:

fpt = fopen("SEEC.REC", "r");

while (fread(&R, sizeof(R), 1, fpt) == 1)

{

printf("\nStudent name: %s\nSchool name: %s\nPercentage: %d\n", R.name, R.scl\_nam, R.percent);

}

fclose(fpt);

break;

case 4:

tpt = fopen("temp.REC", "w");

char t[15];

fpt = fopen("SEEC.REC", "r");

printf("Enter name of student to delete their records: ");

scanf("%s", &t);

while (fread(&R, sizeof(R), 1, fpt) == 1)

{

if (strcmpi(R.name, t) != 0)

{

fwrite(&R, sizeof(R), 1, tpt);

}

}

fclose(fpt);

fclose(tpt);

if (remove("SEEC.REC") == 0)

{

printf("The record has been removed succesfully.");

}

rename("temp.REC", "SEEC.REC");

break;

default:

printf("\n!!!!Error!!!!!\n\tEnter numbers according to list:");

break;

}

return 0; }

**OUTPUTS**







