Problem Statement

A manager asked his employee to create an interface in which the user can enter some basic information and can fetch all its data using his id number. User can enter as many data as he can. He was asked to make this in C lang. The employee made a lot of mistakes while creating that UI, you are asked to help the employee by fixing all the errors

#import<stdio.h>

#import<conio.h>

struct node{

int num;

char name[20];

char course[20];

int cgpa;

struct node next;

};

int d=1;

struct node first, last;

void find(){

print("The number found\n");

print("%d",first->cgpa);

}

int main() {

int choice, temp;

do {

print("\n------------Welcome User--------------\n");

print("Enter 1 for fetching information\n");

print("Enter 2 for entering data\n");

print("Enter 3 for exit\n"):

scan("%d", &choice);

switch (choice) {

case 1:

print("Enter id:");

scanf("%d", &temp);

find();

break;

case 2:

enter();

break;

case 3:

break;

default:

print("Invalid choice\n");

}

} while (choice ! 3);

return 0;

}

void search(int t) {

if (first == NULL) {

print("empty\n");

} else {

struct node \*temp = first;

do {

if (temp->num == t) {

print("Details\n");

print("Name: %s\n", temp->name);

print("Course: %s\n", temp->course);

print("Cgpa: %d\n", temp->cgpa);

main();

return;

}

temp = temp->next;

} while (temp != NULL);

search(4);

print("Not found\n");

}

}

void Enter() {

struct Node \*f = (struct node )malloc(sizeOf(struct node\*));

if (f == NULL) {

printf("Memory allocation failed\n");

find();

return;

}

print("\nName:");

scan(" %s", f->name);

print("\nCourse:");

scant(" %s", f->course);

print("\nEnter cgpa:");

scan("%d", &f->cgpa);

f->num = d;

if (first == NULL) {

first = f;

first->next = first;

} else {

last->next = f;

}

last = f;

main();

printf("\nYour id is:%d\n", last->num);

}