Wap in c that

1. Declares following structure along with attributes

Sn Structure attribute

1. Data Day, Month, Year
2. Player id Age Name Position
3. Club ID name player
4. Match ID match date ,club ,club2
5. League ID clubs Name
6. Result club1 , score ,club2 ,score

Executatiion table

#include<stdio.h>

#include<conio.h>

struct date

{

int day,month,year;

};

struct player

{

int ID,age;

char name[50];

char position[25];

};

struct club

{

int ID;

char name[50];

struct player players[25];

};

struct result

{

int club1score,club2score;

};

struct match

{

int ID;

struct date matchdate;

struct club club1,club2;

struct result mresult;

};

struct league

{

int ID;

struct club clubs[25];

char name[50];

};

struct league createleague();

void displayleague(struct league);

void addclubstoleague(struct league\*);

int main()

{

struct league aleague;

aleague=createleague();

addclubstoleague(&aleague);

displayleague(aleague);

getch();

}

void addplayerstoclub(struct club \*clb, int i)

{

printf("\nEnter Player ID:"); scanf("%d", &clb->players[i].ID); fflush(stdin);

printf("\nEnter Player Age:"); scanf("%d", &clb->players[i].age); fflush(stdin);

printf("\nEnter Player Name:"); gets(clb->players[i].name); fflush(stdin);

printf("\nEnter Player Position:"); gets(clb->players[i].position); fflush(stdin);

}

void addclubstoleague(struct league \*lg)

{

int i;

for(i=0; i<2; i++)

{

printf("\nEnter Club ID:"); scanf("%d", &lg->clubs[i].ID); fflush(stdin);

printf("\nEnter Club ID:"); gets(lg->clubs[i].name);

addplayerstoclub(&(lg->clubs[i]), 0);

addplayerstoclub(&(lg->clubs[i]), 1);

}

}

struct league createleague()

{

struct league lg;

printf("\nEnter details of league:\n\n");

printf("\nID:");scanf("%d",&lg.ID);fflush(stdin);

printf("\nName:");gets(lg.name);fflush(stdin);

return lg;

}

void displayleague(struct league lg)

{

int i;

printf("\nLEAGUE INFO:\n-------------\n\n");

printf("\nID:%d",&lg.ID);

printf("\nName:%s",lg.name);

printf("\nClub list:\n\*\*\*\*\*\*\*\n\n");

for(i=0; i<2; i++)

{

printf("\nClub ID: %d",lg.clubs[i].ID);

printf("\n\nPlayers in this club:\n-------------\n\n");

printf("\n\nID %d\tAge: %d\tName: %s\tPosition: %s", lg.clubs[i].players[0].ID, lg.clubs[i].players[0].age, lg.clubs[i].players[0].name, lg.clubs[i].players[0].position);

printf("\n\nID %d\tAge: %d\tName: %s\tPosition: %s", lg.clubs[i].players[1].ID, lg.clubs[i].players[1].age, lg.clubs[i].players[1].name, lg.clubs[i].players[1].position);

printf("\nClub Name: %s",lg.clubs[i].name);

printf("\n\n-------------\n\n");

}

}