Project code of GEU badminton tournament

By vaidansh Thapliyal

#include<stdio.h>

int main(){

int ch=4,m=0,f=0;

struct player\_details{

char name[20];

int age;

char gender;

int entry\_type;

int amt;

}player\_details;

struct sponsor{

char name[20];

float amt;

int lvl;

}sponsor;

player\_details.amt = 0;

while(ch!=3){

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

printf(" GEU BADMINTON TOURNAMENT \n");

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

printf("1. Player login\n");

printf("2. Sponsor login\n");

printf("3. EXIT\n");

printf("Enter your choice to continue: ");

scanf("%d",&ch);

printf("\n");

//1.Player's Login:

if(ch==1){

printf("°~°~°~°~°~°~°~°~°~°~°~°~°`°~°~°~°~°~°\n");

printf(" GEU BADMINTON TOURNAMENT \n");

printf("--------WELCOME DEAR PLAYERS-------\n");

printf("°~°~°~°~°~°~°~°~°~°~°~°~°~°~°~°~°~°~°\n");

//Entry type:

printf("1. Single entry\n");

printf("2. Double entry\n");

printf("3. Mixed entry\n");

printf("Choose the entry type: \n");

scanf("%d",&player\_details.entry\_type);

int i=0;

if(player\_details.entry\_type==1){

i=2;

}

else if(player\_details.entry\_type==2 || player\_details.entry\_type==3){

i=3;

}

for(int j=1;j<i;j++){

player\_details.age = 20;

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

printf("Enter your name of player %d: ",j);

scanf("%s",&player\_details.name);

printf("Player's age must be between 18y/o to 25y/o\n");

while(player\_details.age>18 && player\_details.age<25){

printf("Enter your age of player %d: ",j);

scanf("%d",&player\_details.age);

if(player\_details.age<18){

printf("Player's age must be greater than 18y/o");

}

else if(player\_details.age>25){

printf("Player's age must be less than 25y/o");

}

else{

break;

}

}

while(m!=15 && f!=15){

printf("Enter your gender(M/F) of player %d: ",j);

scanf("%s",&player\_details.gender);

if(player\_details.gender == 'm' || player\_details.gender == 'M'){

if(m<15){

m++;

}

else{

break;

}

}

else if(player\_details.gender == 'f' || player\_details.gender == 'F'){

if(f<15){

f++;

}

else{

break;

}

}

printf("Male: %d, Female: %d \n",m,f);

printf("\n");

break;

}

//Payment Gateway:

while(player\_details.amt!=250){

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

printf("Enter the entry amount (i.e. Rs.250): ");

scanf("%d",&player\_details.amt);

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

if(player\_details.amt>250){

printf("Enter the lesser amount(i.e. Rs.250)!!!\n\n");

}

else if(player\_details.amt<250){

printf("Enter the higher amount(i.e. Rs.250)!!!\n\n");

}

else if(player\_details.amt==250){

printf("player\_details.amt completed sucessfully!!!\n");

printf("Visit www.geubadminton.com to upload Fitness and age documents!!!\n");

}

}

}

}

// Sponsor:

else if(ch==2){

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

printf(" GEU BADMINTON TOURNAMENT \n");

printf("WELCOME DEAR SPONSERS ✺◟( ͡° ͜ʖ ͡°)◞✺\n");

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

printf("Enter the name of sponsor: ");

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

printf("Enter the amount for sponsor: ");

scanf("%f",&sponsor.amt);

printf("\n");

printf("1. Silver Level - Banner at main gate\n");

printf("2. Golden Level - Logo on game tshirts\n");

printf("3. Platinum Level - Both the above mentioned facilities\n");

printf("Enter the level of sponsor: ");

scanf("%d",&sponsor.lvl);

float pos1=0.15\*sponsor.amt, pos2=0.075\*sponsor.amt, pos3=0.025\*sponsor.amt;

printf("Prize for Singles:\n");

printf("Prize for 1st Position: %f\n",pos1);

printf("Prize for 2nd Position: %f\n",pos2);

printf("Prize for 3rd Position: %f\n",pos3);

printf("SAME PRIZES WILL BE DISTRIBUTED FOR DOUBLES AND MIXED PLAYERS\n");

}

}

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

printf("THERE ARE 10 BADMINTON COURTS AVAILABLE IF YOU HAVE ENROLLED IN TOURNAMENT YOU WILL GET NOTIFIED ON YOUR PHONE BY MESSAGE\n");

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

printf(" GEU BADMINTON TOURNAMENT \n");

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

printf("-------THANKS FOR VISITING-------\n");

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

return 0;

}