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1 /*
2 Programmer: Kadeem Jonas
3 Date: November 19, 2018
4 File Name: Volleyball Program
5 Purpose:
6 */
7
8
9 #include <stdio.h>
10 #include <stdlib.h>
11 #include <string.h>
12 #include "Player.h"
13 #include "PlayerStats.h"
14
15
16
17 Player readPlayer()
18 {
19     Player plr;
20
21     printf("\nPlayer First Name: ");
22     scanf ("%c", plr.fName);
23     printf("\nPlayer Last Name: ");
24     scanf ("%c", plr.lName);
25     printf("\nPlayer Jersey Number: ");
26     scanf ("%i", &plr.jerseyNum);
27     printf("\nPlayer Position:");
28     scanf ("%c", plr.position);
29
30     return plr;
31 }
32
33 void displayStats (PlayerStats pstat)
34 {
35     PlayerStats pstat;
36
37     printf("\nPlayer Serves: %i", pstat.serves);
38     printf("\nPlayer Passes: %i", pstat.passes);
39     printf("\nPlayer Blocks: %i", pstat.blocks);
40     printf("\nPlayer Sets: %i", pstat.sets);
41     printf("\nPlayer Attacks: %i", pstat.attacks);
42     printf("\nPlayer Serve Mistakes: %i", pstat.serveMistakes);
43     printf("\nPlayer Pass Mistakes: %i", pstat.passMistakes);
44     printf("\nPlayer Block Mistakes: %i", pstat.blockMistakes);
45     printf("\nPlayer Set Mistakes: %i", pstat.setMistakes);
46     printf("\nPlayer Attack Mistakes: %i", pstat.attackMistakes);
47 }
48
49 void welcome()
50 {
51     printf("\t\t\t\t _____\n");
52     printf("\t\t\t\t| \t | \n");
53     printf("\t\t\t\t| \t | \n");
54     printf("\t\t\t\t| \t | \n");
55     printf("\t\t\t\t| WELCOME TO THE CAMPION COLLEGE \t | \n");
56     printf("\t\t\t\t| \t | \n");
57     printf("\t\t\t\t| \t | \n");
58     printf("\t\t\t\t| VOLLEYBALL MANAGEMENT \t | \n");
59     printf("\t\t\t\t| \t | \n");
60     printf("\t\t\t\t| \t | \n");
61     printf("\t\t\t\t| PROGRAM \t | \n");
62     printf("\t\t\t\t| \t | \n");
63     printf("\t\t\t\t| \t | \n");
64     printf("\t\t\t\t| \t | \n");
65     printf("\t\t\t\t ----- \n\n\n\n");
66 }
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67     system("pause");
68     system("cls");
69 }
70
71 void menu()
72 {
73     printf("\t\t _____ \n");
74     printf("\t\t|          CHOOSE AN OPTION          |\n");
75     printf("\t\t|=====|\n");
76     printf("\t\t| [1] Add a Statistic          |\n");
77     printf("\t\t| [2] View All Player Stats    |\n");
78     printf("\t\t| [3] Search for a player      |\n");
79     printf("\t\t| [4] Display Current Game Info|\n");
80     printf("\t\t| [5] Exit the program        |\n");
81     printf("\t\t|_____|\n");
82     printf("\t\t Option: ");
83 }
84
85 void optionA()
86 {
87     int option=0;
88     int setNum=0;
89
90     printf("\t\t _____ \n");
91     printf("\t\t|          CHOOSE AN OPTION          |\n");
92     printf("\t\t|=====|\n");
93     printf("\t\t| [1] Add Player Statistic      |\n");
94     printf("\t\t| [2] Add Team Statistic        |\n");
95     printf("\t\t| [3] Add Set                   |\n");
96     printf("\t\t| [4] Return to Main Menu       |\n");
97     printf("\t\t|_____|\n");
98     printf("\t\t Option: ");
99
100     switch (option)
101     {
102     case 1:
103
104         addPlayerStat();
105         break;
106
107     case 2:
108
109         addTeamStat();
110         break;
111
112     case 3:
113
114         setNum = setNum + 1;
115         break;
116
117     case 4:
118
119         break;
120
121     default:
122
123         printf("\nPLEASE SELECT A VALID OPTION:");
124         break;
125     }
126 }
127
128
129
130 void prerequisites()
131 {
132     char typematch;

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133
134     printf("Please State the Type of Match: ");
135     printf("\n\n'P' - Practice");
136     printf("\n\n'O' - Official");
137     printf("\n\n'T' - Training");
138     scanf("\n\n%c", &typematch);
139
140     switch (typematch)
141     {
142     case 'P': case 'p':
143         practiceMatch();
144         break;
145
146     case 'O': case 'o':
147         officialMatch();
148         break;
149
150     case 'T': case 't':
151         trainingMatch
152         break;
153
154     default:
155
156         break;
157     }
158 }
159
160 /*printf("Please enter the name of the opposing Team: ");
161 scanf("%s", tName);
162 fflush(stdin);
163
164 system("cls");
165
166 printf("Please enter the number of players on the Campion Team: ");
167 scanf("%i", &players);
168 */
169
170
171 int main()
172 {
173     welcome();
174     menu();
175     return 0;
176 }

```