Golf Scorecard Project Summary

Florida is known as the golf capital of the world, for its beautiful weather and the 1,400 golf courses we have.

Typical single **group** of **golfing** friends will contain two, three or four people. When playing they keep track of their score using a scorecard that is provided by the golf course. This scorecard contains information regarding the different tees and pars which is the standard number of golf strokes it takes to complete one hole. In tournaments, they use what is called the leaderboard, which displays the cumulative score (total strokes) each player has and the total par score known as under/over (+/-).

I developed a program in Python where it would provide players the ability to keep track of their scorecard and display the leaderboard. This is very useful for golfer players especially in tournaments.

My program's Main menu provides 3 options:

```
Main Menu
1.- Start Game.
2.- Save Score Card to text file.
3.- Close program.
```

Option 1.- Start Game: This option asks the user how many players will be on the scorecard and their names:

```
Enter option [1, 2 or 3]: 1
How many players? [min. 1; max. 4 players]: 2
Player 1 name: Dee
Player 2 name: Joshua
Your round of golf has started. Type 0 at anytime to go back to the Main Menu. Have fun!
Please press enter to continue...
```

Once players are set up, it will display the scorecard and prompt them to enter the score for the current hole. As they continue adding scores, the scorecard and leaderboard will be updated as follows:

Players at any time can go back to the **Main Menu** by entering a score of 0.

<u>Option 2.- Save scorecard to a text file:</u> This option gives the players the feature to save their scorecard and leaderboard to a text file. The file name format used is: **score_card_mmddyyyy_hms.txt**

```
Main Menu

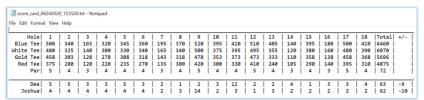
1. Start Game.
2. Save Score Card to text file.
3. Close program.

Enter option [1, 2 or 3]: 2

File with score card has been created. File name: score_card_06242020_153520.txt

Press enter to continue.
```

The file looks as follows:



Option 3.- Close program: Program ends.