

```
Script started on 2023-11-02 11:17:59-05:00 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="67" LINES="54"]
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ cat -n golfWrite.py
[?2004l
```

```
1 #Tyler Sabin
2 #November 2, 2023
3 #Section 006
4
5 def main():
6     myfile = open('golf.txt','w')
7
8     numPlayer = int(input("Enter the number of players in the tournament: "))
9
10    for i in range(1,numPlayer+1):
11        name = input("Enter the name of the player: ")
12        score = int(input("Enter the golf score: "))
13        myfile.write(name + '\n')
14        myfile.write(str(score) + '\n')
15
16    myfile.close()
17
18 main()
```

```
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ python3.10
golfWrite.py
[?2004l
```

```
Enter the number of players in the tournament: 3
Enter the name of the player: Tyler
Enter the golf score: -4
Enter the name of the player: Jake
Enter the golf score: 0
Enter the name of the player: Kade
Enter the golf score: 9
```

```
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ cat -n golfRead.py
[?2004l
```

```
1 #Tyler Sabin
2 #November 2, 2023
3 #Section 006
4
5 def main():
6     myfile = open('golf.txt','r')
7
8     bestScore = 1000
9     bestPlayer = ''
10
11    name = myfile.readline()
12    while name != '':
13        score = myfile.readline()
14        golfScore = int(score)
15        if golfScore < bestScore:
16            bestScore = golfScore
17            bestPlayer = name
18        name = name.rstrip('\n')
19        print(f'Name: {name}')
20        print(f'Golf Score: {golfScore}')
21        name = myfile.readline()
22
23    bestPlayer = bestPlayer.rstrip('\n')
24
25    myfile.close()
26
27
28
29    print(f'Winner is: {bestPlayer}, with {bestScore}')
30
31 main()
```

```
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ g[Kpython3.10
golfRead.py
[?2004l
```

```
Name: Tyler
Golf Score: -4
Name: Jake
Golf Score: 0
Name: Kade
Golf Score: 9
Winner is: Tyler, with -4
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CLA[00m$ exit
[?2004l
exit
```

```
Script done on 2023-11-02 11:18:52-05:00 [COMMAND_EXIT_CODE="0"]
```