

Exercise 5

Video Game High Score Tracker Exercise

Develop a program to:

- Get gamer username and favorite game name
- Get 5 gaming session scores from the user
- Calculate the highest score, lowest score, and average score
- Determine gamer rank based on average:
 - Legend: 90+ points
 - Pro: 75-89 points
 - Advanced: 60-74 points
 - Intermediate: 40-59 points
 - Beginner: 0-39 points

Create a gamer profile card with all the information

Save the profile to a text file named "{username}_profile.txt"


Sample Output:

```
🎮🎮🎮🎮🎮🎮🎮🎮🎮🎮🎮🎮🎮🎮
WELCOME TO GAMING TRACKER!
🎮🎮🎮🎮🎮🎮🎮🎮🎮🎮🎮🎮
Enter your gaming username: Mars
Enter your favorite game: Mario Kart


Enter Mars's scores from 5 recent gaming sessions:
Session 1 score: 1
Session 2 score: 2
Session 3 score: 3
Session 4 score: 4
Session 5 score: 5

🎮 =====
GAMER PROFILE CARD
🎮 =====
👤 Username: Mars
🎯 Favorite Game: Mario Kart
📊 PERFORMANCE STATS:
🏆 Best Score: 5
📉 Worst Score: 1
📈 Average Score: 3.0
📊 Improvement: +400.0%
🏆 Rank: 🌱 Beginner
```

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 Profile saved to: mars_profile.txt

Add another gamer? (yes/no): yes

Enter your gaming username: Sze Ming

Enter your favorite game: Roblox

Enter Sze Ming's scores from 5 recent gaming sessions:

Session 1 score: 4

Session 2 score: 5


Session 3 score: 6


Session 4 score: 7

Session 5 score: 89

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GAMER PROFILE CARD


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 Username: John

 Favorite Game: Roblox

 PERFORMANCE STATS:


 Best Score: 89


 Worst Score: 4

 Average Score: 22.2

 Improvement: +2125.0%

 Rank:  Beginner

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 Profile saved to: john_profile.txt

Add another gamer? (yes/no): no

Would you like to compare two gamers? (yes/no): yes

Available gamers:

1. Mars

2. John

Select first gamer (number): 1


Select second gamer (number): 2


 PLAYER COMPARISON 

Mars vs John

Mars's Average: 3.0

John's Average: 22.2

 Winner: John by 19.2 points!

 Thanks for using Gaming Tracker! Game on! 