CSC 1310 Spring 2021 Program 1 Sample Output

**All user input is highlighted in yellow.**

How many video games can your library hold?

2

What would you like to do?

1. Load video games from file.

2. Save video games to a file.

3. Add a video game.

4. Remove a video game.

5. Display all video games.

6. Remove ALL video games from this Library and end program.

CHOOSE 1-6: 9

That is not a valid choice.

CHOOSE 1-6: 1

What is the name of the file? (example.txt): wrong\_file.txt

Sorry, I was unable to open the file.

What would you like to do?

1. Load video games from file.

2. Save video games to a file.

3. Add a video game.

4. Remove a video game.

5. Display all video games.

6. Remove ALL video games from this Library and end program.

CHOOSE 1-6: 1

What is the name of the file? (example.txt): three\_games.txt

The Witcher 3: Wild Hunt was added to the video game library!

God of War was added to the video game library!

Resizing VideoGameArray from 2 to 4.

Chrono Trigger was added to the video game library!

3 video games were read from the file and added to your VideoGame library.

What would you like to do?

1. Load video games from file.

2. Save video games to a file.

3. Add a video game.

4. Remove a video game.

5. Display all video games.

6. Remove ALL video games from this Library and end program.

CHOOSE 1-6: 3

Video Game TITLE: The Twins

Video Game PLATFORM: PC

Video Game YEAR: 2020

Video Game GENRE: Simulator, Visual Novel

Video Game AGE RATING: M17+

Video Game USER RATING (out of 100): 71

What would you like to do?

1. Load video games from file.

2. Save video games to a file.

3. Add a video game.

4. Remove a video game.

5. Display all video games.

6. Remove ALL video games from this Library and end program.

CHOOSE 1-6: 5

----------Video Game 1----------

Game Title: The Witcher 3: Wild Hunt

Platform: Xbox One, PC, PlayStation 4

Year Released: 2015

Genre: Adventure, Role-playing(RPG)

Rating: M17+

Number of Stars: 96

----------Video Game 2----------

Game Title: God of War

Platform: PlayStation 4

Year Released: 2018

Genre: Adventure, Role-playing(RPG)

Rating: M17+

Number of Stars: 96

----------Video Game 3----------

Game Title: Chrono Trigger

Platform: Nintendo DS, Wii, PlayStation, SNES, PC, iOS, Android

Year Released: 1995

Genre: Role-playing(RPG)

Rating: E10+

Number of Stars: 94

----------Video Game 4----------

Game Title: The Twins

Platform: PC

Year Released: 2020

Genre: Simulator, Visual Novel

Rating: M17+

Number of Stars: 71

What would you like to do?

1. Load video games from file.

2. Save video games to a file.

3. Add a video game.

4. Remove a video game.

5. Display all video games.

6. Remove ALL video games from this Library and end program.

CHOOSE 1-6: 4

Choose from the following video games to remove:

Video Game 1: The Witcher 3: Wild Hunt

Video Game 2: God of War

Video Game 3: Chrono Trigger

Video Game 4: The Twins

Choose a video game to remove between 1 & 4: 2

The video game "God of War" has been successfully deleted.

Text destructor: Released memory for textArray.

Text destructor: Released memory for textArray.

Text destructor: Released memory for textArray.

Text destructor: Released memory for textArray.

VideoGame destructor: Released memory for title, platform, genre, & rating.

What would you like to do?

1. Load video games from file.

2. Save video games to a file.

3. Add a video game.

4. Remove a video game.

5. Display all video games.

6. Remove ALL video games from this Library and end program.

CHOOSE 1-6: 5

----------Video Game 1----------

Game Title: The Witcher 3: Wild Hunt

Platform: Xbox One, PC, PlayStation 4

Year Released: 2015

Genre: Adventure, Role-playing(RPG)

Rating: M17+

Number of Stars: 96

----------Video Game 2----------

Game Title: Chrono Trigger

Platform: Nintendo DS, Wii, PlayStation, SNES, PC, iOS, Android

Year Released: 1995

Genre: Role-playing(RPG)

Rating: E10+

Number of Stars: 94

----------Video Game 3----------

Game Title: The Twins

Platform: PC

Year Released: 2020

Genre: Simulator, Visual Novel

Rating: M17+

Number of Stars: 71

What would you like to do?

1. Load video games from file.

2. Save video games to a file.

3. Add a video game.

4. Remove a video game.

5. Display all video games.

6. Remove ALL video games from this Library and end program.

CHOOSE 1-6: 2

What do you want to name the file? (example.txt): 1-22-21\_save.txt

All video games in your library have been printed to 1-22-21\_save.txt

What would you like to do?

1. Load video games from file.

2. Save video games to a file.

3. Add a video game.

4. Remove a video game.

5. Display all video games.

6. Remove ALL video games from this Library and end program.

CHOOSE 1-6: 6

Text destructor: Released memory for textArray.

Text destructor: Released memory for textArray.

Text destructor: Released memory for textArray.

Text destructor: Released memory for textArray.

VideoGame destructor: Released memory for title, platform, genre, & rating.

Text destructor: Released memory for textArray.

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Text destructor: Released memory for textArray.

Text destructor: Released memory for textArray.

VideoGame destructor: Released memory for title, platform, genre, & rating.

Text destructor: Released memory for textArray.

Text destructor: Released memory for textArray.

Text destructor: Released memory for textArray.

Text destructor: Released memory for textArray.

VideoGame destructor: Released memory for title, platform, genre, & rating.

VideoGameLibrary destructor: Released memory for each game in the video game array and the array itself.

GOODBYE!