

Python Chapter 10 Guest Book

Time required: 90 minutes

- Comment each line of code as shown in the tutorials and other code examples.
- Follow all directions carefully and accurately.
- Think of the directions as minimum requirements.

Pseudocode

1. Write pseudocode for the exercise
2. Save it in a document
3. Submit with the assignment

Minimum Requirements

Gerry is having a party. He wants to keep track of the guests that he invites. He has 3 friends.

Write a program that asks each guest to enter their name. Store their names in a txt file.

File name: **guest_book.py**

1. Use a main function.
2. Prompt the user to enter their name.
3. Add their name to **guest_book.txt** file.
 - a. Write the strings to **guest_book.txt**.
 - b. Use **try except** to prevent errors.
4. Read the strings from **guest_book.txt**.
 - a. Use **try except** to prevent errors.
5. Print the strings as they were entered.

Example run:

```
+-----+
| Gerry's Guest Book |
+-----+
Enter a guest name: Eric
Enter another name: Steve
Enter another name: Kermit
Data was written to guest_book.txt
Data was read from guest_book.txt
Eric
Steve
Kermit
```

Challenges

Challenges are for the more experienced coders to add some fun to the program. Challenges are not required to complete the assignment. There may be some extra credit involved ;) Make a note with the submission that you did a challenge.

1. Print a random greeting for each guest.
2. Insert today's date.
3. Your own idea.

Assignment Submission

1. Attach the pseudocode.
2. Attach the program files.
3. Attach screenshots showing the successful operation of the program.
4. Submit in Blackboard.