Python Masterclass-4 Assignment Answers

You are on a quest to explore and gather information from various files in a mysterious land. Your task is to create a Python program that simulates this quest and allows you to perform different file handling operations.

Answer:

```python
def display_options():
    # Display available file options to the player
    print("File Quest Options:")
    print("1. Read a file")
    print("2. Write to a file")
    print("3. Append to a file")
    print("4. Delete a file")
    print("5. Search within a file")
    print("6. Quit")


def read_file():
    # Read the contents of a file and display them to the player
    # Implement the necessary code here


def write_to_file():
    # Write new information to a file
    # Implement the necessary code here


def append_to_file():
    # Append additional information to an existing file
    # Implement the necessary code here


def delete_file():
    # Delete a file from the quest
    # Implement the necessary code here


def search_within_file():
```

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```python
    # Search for specific content within a file and display the search
results
    # Implement the necessary code here


# Main program loop
while True:
    print("\n-- File Quest --")
    display_options()
    choice = input("Enter your choice (1-6): ")

    if choice == '1':
        read_file()
        # Provide feedback and rewards for completing the task
    elif choice == '2':
        write_to_file()
        # Provide feedback and rewards for completing the task
    elif choice == '3':
        append_to_file()
        # Provide feedback and rewards for completing the task
    elif choice == '4':
        delete_file()
        # Provide feedback and rewards for completing the task
    elif choice == '5':
        search_within_file()
        # Provide feedback and rewards for completing the task
    elif choice == '6':
        print("Quitting the File Quest. Goodbye!")
        break
    else:
        print("Invalid choice. Please try again.")
```