Exercise 1

Create a file named **file_reader.py**
In that file, create a function named **read_file** that takes in a filename as a parameter and returns a list of lines from the file.
Use a with **open(filename, 'r') as f: block.**
Use a loop to print each line and strip extra spaces.

Create another file named **file_summary.py.**
In **file_summary.py, import the read_file function from file_reader.py.**
In the main program, ask the user for a filename (for example, data.txt) and then call the imported read_file function.

The output should look like the following:

```
$ python file_summary.py
Enter filename: data.txt
Python Basics
Reading and Writing Files
Loops and Conditions
```

Exercise 2

Create a file named **notes_manager.py**.
In that file, create two functions named **write_note** and **read_notes**.

- The **write_note(filename, text)** function should open the file in append mode `'a'` and add the given text to the file, followed by a newline.
- The **read_notes(filename)** function should open the file in read mode `'r'`, read all the lines from the file, and return them as a list.
- If the file does not exist, handle the error by printing `"No notes found yet."` and return an empty list.

Create another file named **notes_app.py**.
In **notes_app.py**, import both functions from **notes_manager.py**.

In the main program:

- Create a variable named **filename** and set it to `"notes.txt"`.
- Use a loop to repeatedly ask the user whether they want to **add** a note, **read** all notes, or **quit** the program.
- If the user chooses to add a note, ask for input and write it to the file using `write_note`.
- If the user chooses to read, display each note using `read_notes`.
- If the user chooses to quit, end the program with a message like `"Goodbye!"`.

The output should look like the following:

```
$ python notes_app.py
Add (a), Read (r), or Quit (q)? a
Enter your note: Buy groceries
Add (a), Read (r), or Quit (q)? a
Enter your note: Finish Python exercise
Add (a), Read (r), or Quit (q)? r
- Buy groceries
- Finish Python exercise
Add (a), Read (r), or Quit (q)? q
Goodbye!
```