**[Homework and Projects](https://faytechcc.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_35059_1&content_id=_5950095_1)**

[Homework and Projects](https://faytechcc.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_35059_1&content_id=_5950090_1)

Programming Projects are end of chapter exercises that demonstrate your understanding and ability to apply the chapter concepts to a given scenario. If you haven't done so already, you should read chapters 8 " "Strings " & 9  "Files and Exceptions" of your textbook.

NOTE: When completing projects in Python for submission in Blackboard, be sure to name the exercise as instructed in the assignment details in this folder.

**Project Assignment Exercise for Module 2:**

M2T1 File Read/Write (due 9/13)

M2T2 Text Adventure Research (due 9/20)

M2LAB1 CSV Data (due 9/20)

M2HW1 Files and Exceptions (due 9/27)

M2HW2 Files and Exceptions (due 9/27)

NOTE: You may choose to do only **one** of the Files and Exceptions HW -- doing both is worth extra credit

[**M2T1**](https://faytechcc.blackboard.com/webapps/assignment/uploadAssignment?content_id=_6054480_1&course_id=_35059_1&group_id=&mode=view)

**M2T1 - Text File Processing - due 9/13**

For this assignment, complete the sample code and Self Check code for 9.3, 9.4, and 9.5 from the textbook.

You should be able to put this code together into one or more short programs, or code snippets, in order to confirm that they work.

[**M2T2**](https://faytechcc.blackboard.com/webapps/assignment/uploadAssignment?content_id=_6060050_1&course_id=_35059_1&group_id=&mode=view)

**M2T2 - Exploring Interactive Fiction**

This one's fairly simple -- I just want to make sure you have a basic grasp of the topic before trying to make your own.

The "Additional Resources" folder has a number of links. I'd like you to find a game, and either finish it, or spend at least 15 minutes playing it.

Please include a screenshot from the game (either when you finished, or when you gave up), as well as a few short sentences describing the experience and your opinion of it.

**Some games**

I think that this "post card" of instructions is useful if you don't know the lingo:  <http://www.ifwiki.org/index.php/Starters>

To stick with fully tested short games, go with 9:05 from the dev's website: <http://adamcadre.ac/if/905.html>

If you want to keep it simple, Photopia is a good choice (you'll need to search it up)

Here's a good list of games you can try from any browser: <http://www.web-adventures.org/games.html>

"9:05" and "Galatea" are pretty good choices. If you want a challenge, maybe "Adventure", "Zork I", or "Spider and Web".

Submit your screenshot and brief writeup (a paragraph or two is plenty) below.

[**M2LAB1**](https://faytechcc.blackboard.com/webapps/assignment/uploadAssignment?content_id=_6060156_1&course_id=_35059_1&group_id=&mode=view)

M2LAB1 - CSV Data

We'll be completing 9.12.3 - 9.12.5, the Titanic dataset.

Short explanation:

change line 2 to

**titanic = pd.read\_csv('**[**https://vincentarelbundock.github.io/Rdatasets/csv/carData/TitanicSurvival.csv**](https://vincentarelbundock.github.io/Rdatasets/csv/carData/TitanicSurvival.csv)**')**

Long explanation:

GitHub URL has changed: start looking at <https://vincentarelbundock.github.io/Rdatasets/> for the new site.

The Titanic data itself is at <https://vincentarelbundock.github.io/Rdatasets/csv/carData/TitanicSurvival.csv>

**M2HW1\_FilesExceptions**

[M2HW1\_FilesExceptions](https://faytechcc.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_35059_1&content_id=_5950095_1)

Open the link below to view for M2HW1 File Exceptions assignment instructions

[M2HW1 Files and Exceptions (Assignment Instructions)](https://faytechcc.blackboard.com/bbcswebdav/pid-5950098-dt-content-rid-54266599_1/xid-54266599_1)[M2HW1 Files and Exceptions (Assignment Instructions) - Alternative Formats](https://faytechcc.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_35059_1&content_id=_5950095_1)

(Opens in new window)

[**M2HW1-FilesExceptions**](https://faytechcc.blackboard.com/webapps/assignment/uploadAssignment?content_id=_5950101_1&course_id=_35059_1&group_id=&mode=view)

Download instructions from post above ( **M2HW1 FilesExceptions** (**Assignment Instructions)**)

**Submit** your finished code solution file(s) through this assignment link by the posted deadline

**M2HW2\_FilesExceptions**

[M2HW2\_FilesExceptions](https://faytechcc.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_35059_1&content_id=_5950095_1)

Open the link below to view for M2HW2 File Exceptions assignment instructions

[M2HW2 Files and Exceptions (Assignment Instructions)](https://faytechcc.blackboard.com/bbcswebdav/pid-5950103-dt-content-rid-54266701_1/xid-54266701_1) [M2HW2 Files and Exceptions (Assignment Instructions) - Alternative Formats](https://faytechcc.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_35059_1&content_id=_5950095_1)

(Opens in new window)

[**M2HW2-FilesExceptions**](https://faytechcc.blackboard.com/webapps/assignment/uploadAssignment?content_id=_5950105_1&course_id=_35059_1&group_id=&mode=view)

Download instructions from post above ( **M2HW2 FilesExceptions** (**Assignment Instructions)**)

**Submit** your finished code solution file(s) through this assignment link by the posted deadline