In this activity, you will deploy a database to Firebase. You will edit the fire.py file in VS Code and then show that you wrote to your Realtime database in Firebase. Prior to beginning this activity, be sure to review the submission instructions below to ensure that you collect the required screenshots as you progress through the activity.

**To complete this activity, follow these steps:**

1. Download the [Activity 12.5 Files](https://classroom.emeritus.org/courses/10605/files/3007216/download) folder and ensure that you can open it in VS Code. Provide a screenshot to show that you completed this step successfully.
2. In your browser, navigate to [Firebase](https://firebase.google.com/)
3. [Links to an external site.](https://firebase.google.com/)
4. and create a new project called “Activity12-5”. Provide a screenshot to show that you completed this step successfully.
5. In Firebase, obtain permissions to write from Python to your database. Download your own private *key* and copy it into the serviceAccountKey.json file in VS Code. For this step, provide two screenshots: One screenshot should show that you navigated to the correct page in Firebase to obtain the private *key*, and one screenshot should show that you copied the file correctly in the serviceAccountKey.json file. Feel free to blur your private *key* in the screenshots.
6. Create an empty Realtime database for your project in Firebase. Provide a screenshot to show that you completed this step successfully.
7. Open the fire.py file in VS Code. Update the databaseURL field with the URL you copied. Provide a screenshot to show that you completed this step successfully.
8. Edit the fire.py file to update the two entries in your database. You are free to choose these entries as you wish. They can be about anything that interests you. Update the second entry by adding an extra field. Provide a screenshot to show that you completed this step successfully.
9. In a Terminal window, run the correct command to write to your database in Firebase. Provide a screenshot of your Terminal window to show that the command ran without errors.
10. Provide a screenshot from Firebase to show that your database has been written as expected.

**Submission Instructions:**

Your submission for this assignment should be a Word document that includes the following screenshots, each labeled for the step that the screenshot represents:

1. Provide a screenshot to show that you downloaded and opened the [Activity 12.5 Files](https://classroom.emeritus.org/courses/10605/files/3007216/download) folder in VS Code.
2. Provide screenshots to show that you created the Activity12-5 project in Firebase.
3. Provide two screenshots: One screenshot showing that you navigated to the correct page in Firebase to obtain the private *key* and one screenshot showing that you copied the file into the serviceAccountKey.json file correctly.
4. Provide a screenshot to show that you created an empty Realtime database for your project in Firebase.
5. Provide a screenshot to show that you updated the databaseURL field in the fire.py file with the URL you copied.
6. Provide a screenshot to show that you updated the entries in the fire.py file.
7. Provide a screenshot of your Terminal window to show that you ran the correct command to write to your database in Firebase.
8. Provide a screenshot of your Terminal window to show that your database has been written as expected.