Water and Land Usage Tracker for Arizona Mines

This is a Java program that tracks water and land usage for copper mines in Arizona. The program allows users to input water and land usage for specific mines, view records of historical usage, and enforce water usage limits per mine. Data is stored in a text file (mine\_usage.txt), allowing the program to remember past inputs even after it is restarted.

**Features**

* **Track Water and Land Usage**: Input water and land usage data for specific mines.
* **Mines Supported**: Rosemont, Sierrita, Mission mines.
* **Historical Data**: Records each entry with a date, amount of water used, and land mined.
* **Usage Limits**: Ensures that water usage does not exceed the maximum allowed per mine.
* **Menu-Driven Interface**: Users can choose to either:
  1. Input new data
  2. View past records
  3. Exit the program
* **Persistent Data**: Usage data is saved to a file (mine\_usage.txt), and previous entries are loaded upon restarting the program.

**Getting Started**

**Prerequisites:**

* 1. Create an Github Account if you don’t have one, and sign in to your account.

**Running the Program**

* **Create Code space**:
  1. Go to the green Code button
     + press code spaces
     + create a code space
* **Compile the code:** 
  1. **Once you are in the code space, in the terminal:**

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* **Run the code:**

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**Program Flow:**

* **When you run the program, you will be presented with a menu:**

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**Example Input/Output**

**Input Data for a Mine:**

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**View Records for a Mine:**

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**Exceeding Water Limits:**

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**Data Storage**

The program stores data in a text file called mine\_usage.txt. Each entry for a mine is saved in the following format:

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