

User Manual  
BrailleLearner101

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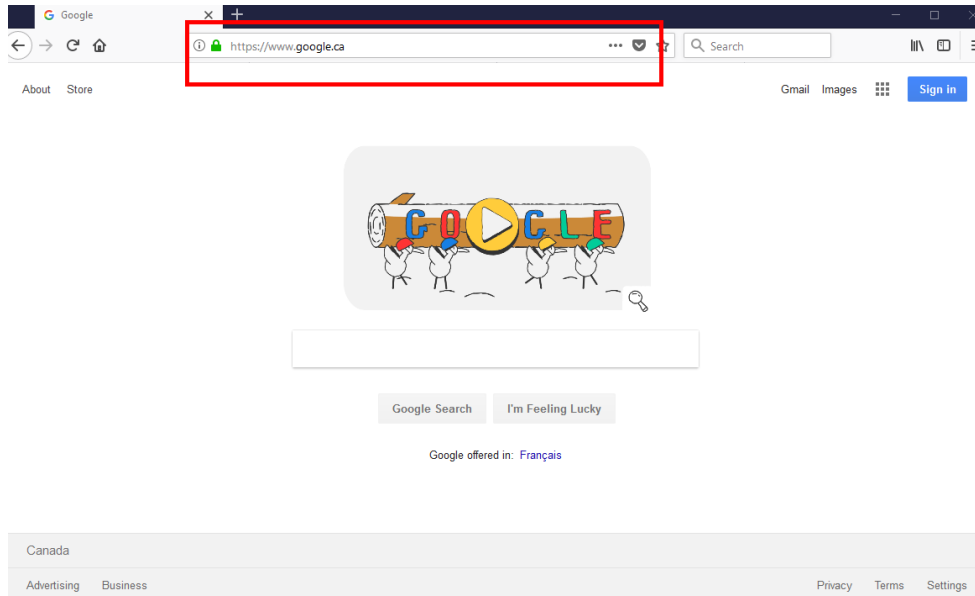
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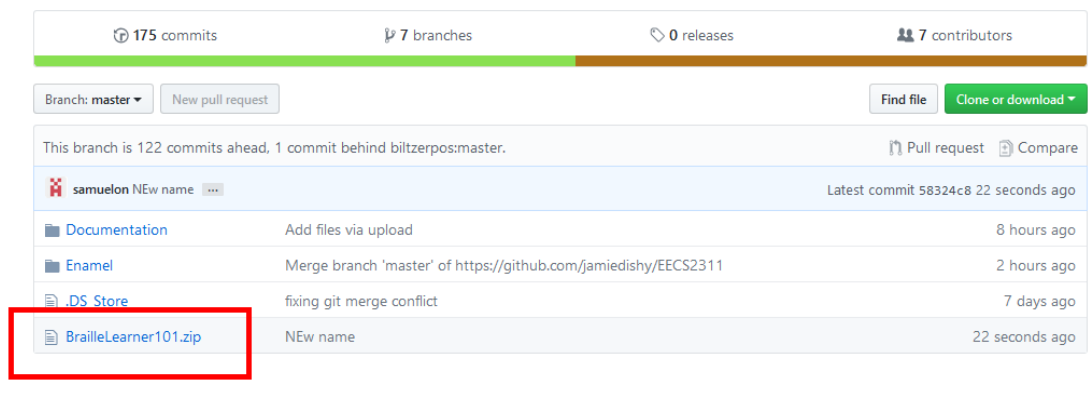
## Getting Started

# Installation Guide for Windows/Linux

1. Press the power button that is connected to your PC or Laptop.
2. Open your preferred internet browser.
3. In the explorer bar enter “https://github.com/jamiedishy/EECS2311”



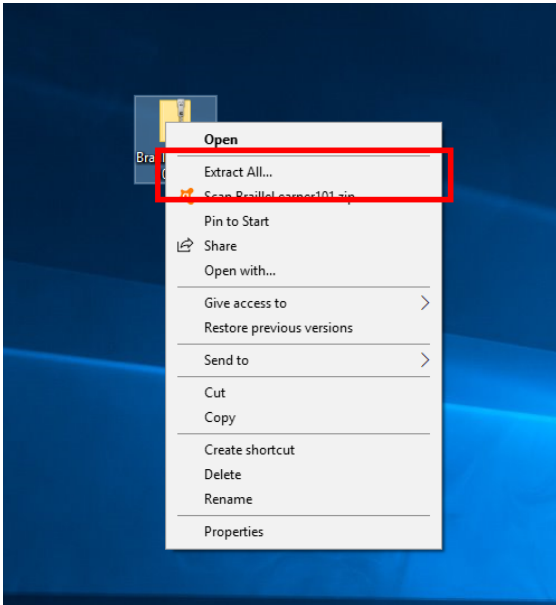
4. Now double-click “BrailleLearner101.zip”



5. Now click on the download button and save it in your preferred directory.

## Getting Started

6. The download will appear in your Downloads in your web browser or the bottom of your screen.
7. Right-click the “BrailleLearner101.zip” file and select “Extract All” into your preferred directory.



8. Now click on the file “2311.v1.0.1.jar” to open the application.

# Running on Linux

Recommendation: For those unexperienced with Linux, We recommend you save/extract the file within documents or desktop. If so just type in “cd Desktop” or “cd Documents” and skip steps 2-4.

1. Open up the terminal by searching in the task bar provide on the main display or click the icon that is either below or beside your screen.

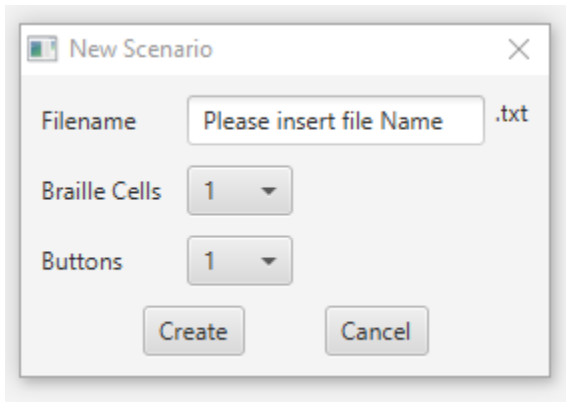


2. Switch to the directory(destination) in which your “BrailleLearning101” file is in.
3. Type “ls” to display the files in your current directory.
4. Type “cd” + “*sub-directory name*” to move to the next directory until you are within the same directory as the file.
5. Type “java -jar 2311.v1.0.1.jar” or copy and paste without the quotations.
6. Now you can begin the application.

## Basic Operations

### How to Create a Scenario File

1. Double-Click the application.
2. Located at the top-left of the application, select “File”.
3. A menu should appear and select “New...”.
4. Within the “Filename” enter your filename and select your preferred amount of Braille Cells and Buttons and select “Create”.



5. On the center of the application, select “Story”.

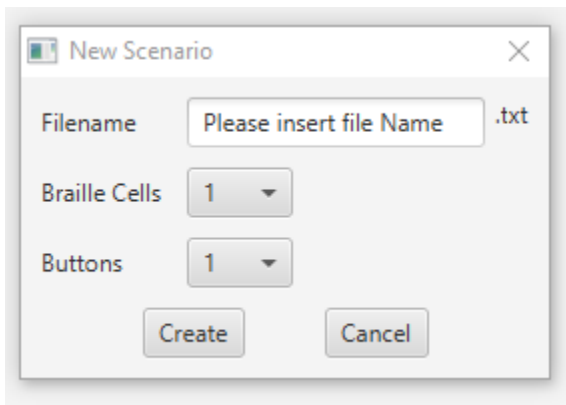


6. Inside the text field insert your line of text that you want to be read to the student
7. Select the “audio file” that will follow and Select “Wait for User input” and click “Add”
8. Congratulations, you have complete your first steps to be a BrailLearner Master!

## Basic Operations

### How to Create a Quiz

1. Double-Click the application.
2. Located at the top-left of the application, select “File”.
3. A menu should appear and select “New...”.
4. Within the “Filename” enter your filename and select your preferred amount of Braille Cells and Buttons and select “Create”.



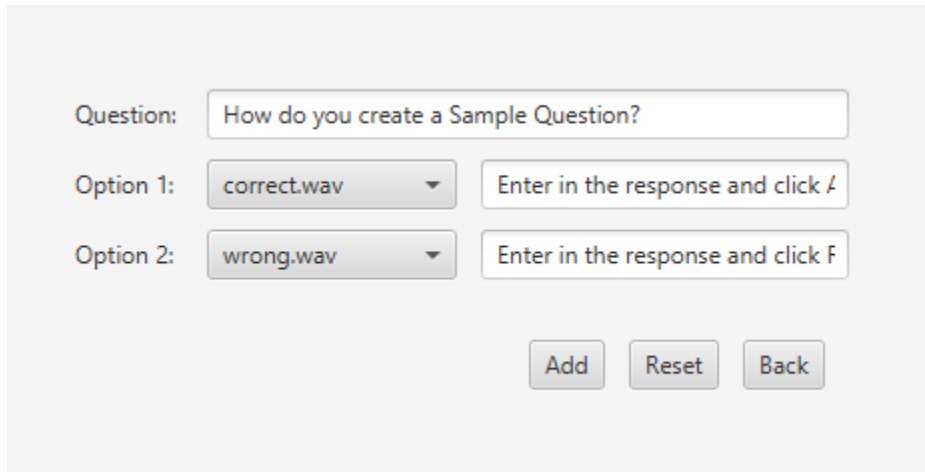
5. On the center of the application, select “Quiz”.



6. On the center view, within the text field “Question”, insert your question directed to your audience.

## Basic Operations

7. Insert the responses permitted by the audience as audio file as you prefer.



The screenshot shows a quiz creation interface with the following elements:

- Question:** A text input field containing "How do you create a Sample Question?".
- Option 1:** A dropdown menu showing "correct.wav" and a text input field containing "Enter in the response and click A".
- Option 2:** A dropdown menu showing "wrong.wav" and a text input field containing "Enter in the response and click F".
- Buttons:** Three buttons labeled "Add", "Reset", and "Back" are located at the bottom right of the form.

8. Followed by clicking "Add".
9. Voila, you have created your first line for your Quiz.



### How to Record Audio

1. Located at the top-left of the application, select “Audio”.
2. Press “Record...”.
3. Press “Start” to begin your recording.
4. Press “Stop” to stop your recording.
5. Enter the name of the file in the text field and save to your preferred destination.

### How to Save your File

1. Located at the top-left of the application, select “File” followed by “Save As...” while your Scenario/Quiz file is opened.
2. Name your file and select the preferred destination.