# User Guide
# **Techademics**

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# Introduction

This program was created by Josh and Bilal, and is intended to help both teachers and students learn in a fun and interactive way.

The program offers the option for administrators or students to create their own quiz. The customizable quiz is a great way for teachers to help students understand a new topic, and can also be a very valuable study tool for students wishing to test their own knowledge.

The program also provides access to information on different important topics. Please note that currently we have only completed one topic (global warming), but intend to add more important topics in the future. The global warming landing page provides many learning tools including informational sites, a quiz, and an interactive game.
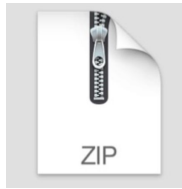
# Prerequisites

## Getting set up:

(1) In order to run this program, you must have the newest version of Visual Studio Code downloaded onto your device. You can download by searching "visual studio code" into your browser, and then downloading the application.



(2) Download the "DSP2JB" zip file

(3) Find the file called "1landingpage.html"

If your finder has the files alphabetically organized, "1landingpage.html" should be the very first file in the folder. If not, click the settings icon in the toolbar of your finder, then click "sort by," then click "name".
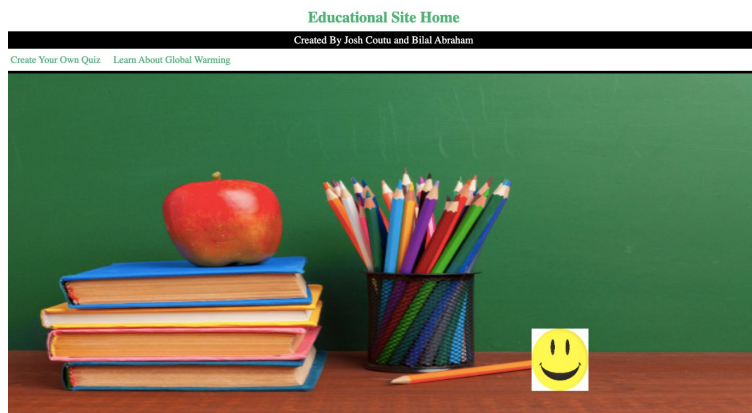
(4) Open the file "1landingpage.html" in one of the following browsers:

Chrome, Firefox, Safari



# How To Use The Project

(1) After opening the file "1landingpage.html" in your browser as described above, you should arrive on the landing page.

(2) Next you can use the two links in the toolbar to navigate throughout the site. We will explain the "create your own quiz" first and then the "learn about global warming," but feel free to explore in whichever order you choose.

Create Your Own Quiz | Learn About Global Warming

(3) After clicking on the "create your own quiz" link in the toolbar (on the top left of the screen), you should arrive on a page that looks like this:
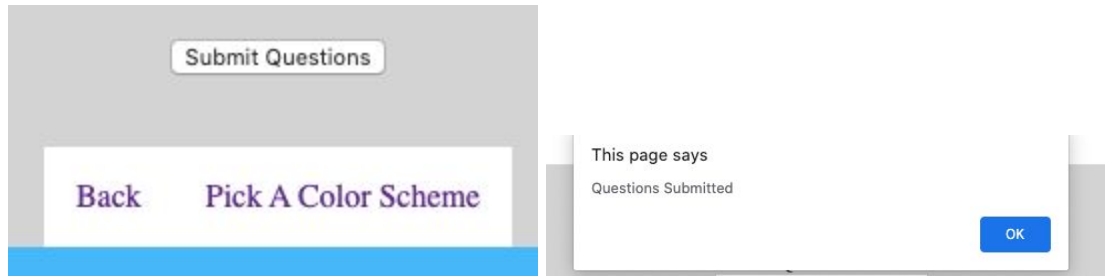
**Custom Quiz:**

Quiz Title:
Title...

Question 1:
Question...
Answer 1:
Correct Answer...
Answer 2:
Incorrect Answer...
Answer 3:
Incorrect Answer...
Answer 4:
Incorrect Answer...

Question 2:
Question...
Answer 1:
Correct Answer...
Answer 2:
Incorrect Answer...
Answer 3:
Incorrect Answer...
Answer 4:
Incorrect Answer...

Question 3:
Question...
Answer 1:
Correct Answer...

(4) Whether you want to make a quiz for your peers or want to quiz yourself as a study tool, you should input the quiz title, questions, and answers that you would like to be displayed on your quiz. The first answer slot under each question is for the correct answer, and the remaining three are for incorrect answers (all questions are in a multiple choice format with 4 options.)

(5) Next make sure to click the "submit questions" button. This is important, as your writing will not save unless you submit the questions. You should receive a pop-up

alert notifying you that your questions have been submitted. Then, click the "pick a color scheme" button at the bottom of the screen to continue.



(6) Use the drop down menus next to each element to choose a color for that element. When you have finished, click "submit." Even if you want all of the elements to be black, still hit submit. If you do not hit submit on either the text input page or the color page, both the colors and text will not show up. When you have successfully submitted (you will receive a pop-up alert as confirmation), click the "continue to quiz" button at the bottom of the screen.
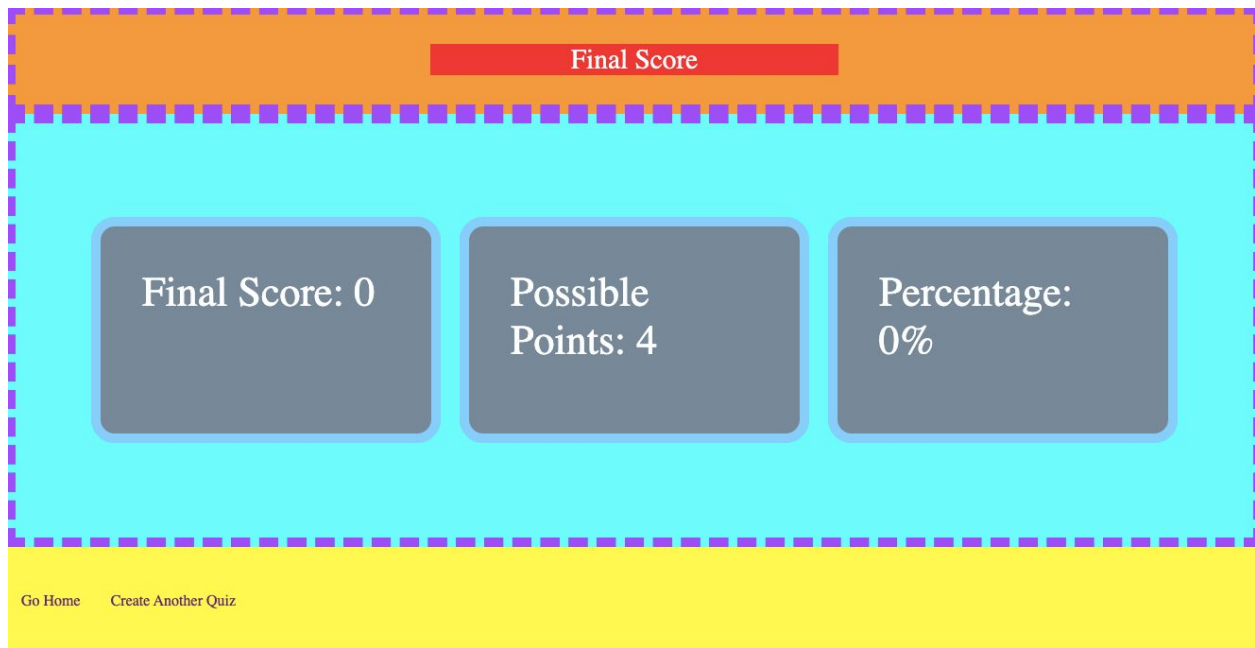
(7) You should arrive on a page that looks like this (note: it will look different based on which colors you selected):



Simply click on the answer that you think is correct. You will receive a pop-up alert notifying you if you were correct or incorrect. If you were correct, your score on the left of the page will increase by one point. Then, to move on, click "next" in the bottom left corner. Only select "quit" if you would like to abandon your quiz entirely, as nothing will save.

(8) Repeat step number seven for the second, third, and fourth quiz questions. When you have finished the fourth question, select "finish quiz."

(9) You will be taken to a score page that looks like this (note: it will look different based on which colors you selected):



When you are done viewing your score, you will be given the option to "go home" or "create another quiz." If you would like to follow along with this tutorial, select "go home."

(10) You should arrive back on the home screen that you started on. If you would like to learn about global warming click the "learn about global warming" button in the toolbar.

(11) You should arrive on a page that looks like this:



**Global Warming Awareness**
By Josh Coutu and Bilal Abraham
Back to Home   Wiki   NASA   NY Times   Quiz!   Interactive Game!

Next, you can explore the links in the toolbar to learn about global warming. These three links will take you to informative articles about global warming:



Wiki   NASA   NY Times

This link will take you to a global warming quiz (note: this quiz works the same way as the quiz you have previously taken):



Quiz!

Finally, this link takes you to an interactive game:
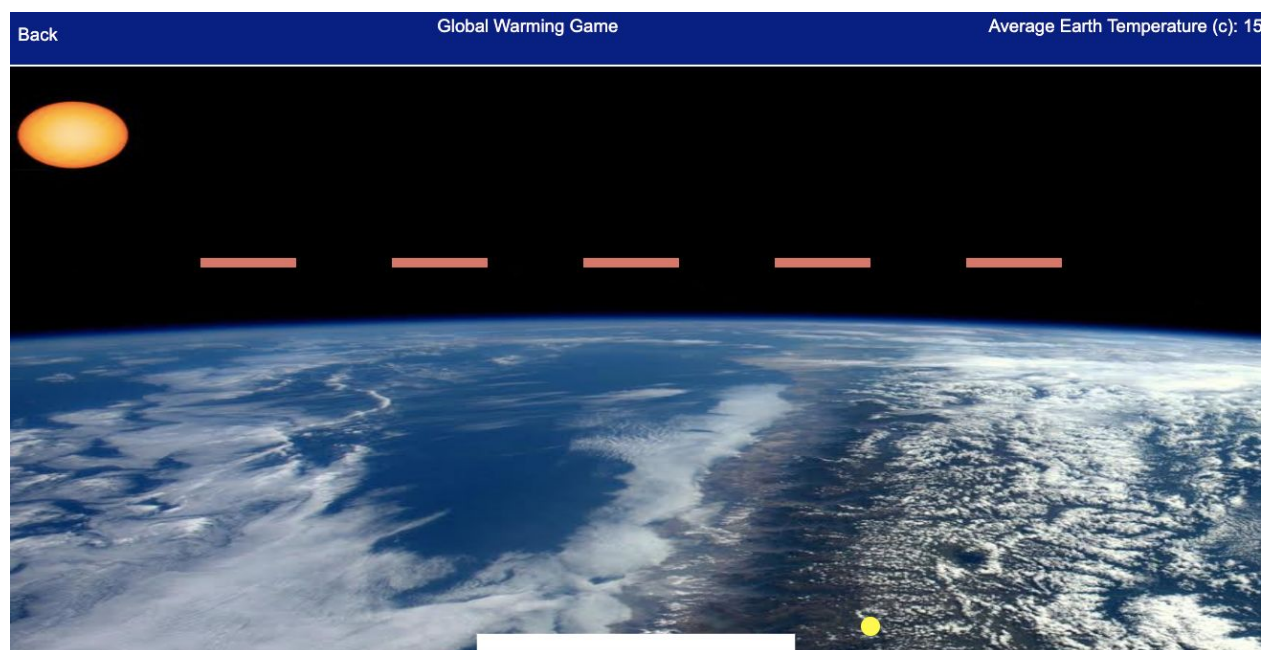


Interactive Game!

(12) In this tutorial we will explain how to play the game. Select the "interactive game" button in the toolbar.

(13) You should arrive on this page:



Please click on the two blue buttons, "learn about the global warming cycle" and "how to play the game," and read the pop-up alerts. (This step is important because the alerts explain the rules and relevance of the game. You do not have to read them, but if you get confused make sure to refer back). When you are done click "go to game" to continue to the game.
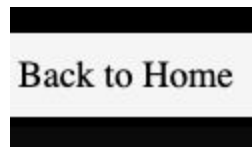
(14) You will arrive on this page:



Feel free to play the game (we are not going to explain the rules here because they were shown on the previous page of the site. To read the rules, press the "how to play the game" button on the previous page). When you are done, you can click the "back" button to return to the previous page.

(15) If you want to return home, click the "quit button."
Next click the "back to home" button:



(16) Now you should be back on the home page. Now that you understand the site, feel free to explore. We hope you have fun and learn something!

# Tools Used

- All of the code for this quiz was created using Visual Studio Code
- All global warming information came from these sources:

    -https://en.wikipedia.org/wiki/Global_warming

    -https://climate.nasa.gov/

    -https://www.nytimes.com/2019/12/04/climate/climate-change-acceleration.html

    -https://e360.yale.edu/features/as_arctic_ocean_ice_disappears_global_climate_impacts_intensify_wadhams

-  In addition, we used W3schools, Stack Overflow, Mozilla Developer Network, and GeeksforGeeks as references for structuring our code. Here are the URLs (in the order listed above):

    - https://www.w3schools.com/

    - https://stackoverflow.com/

    - https://developer.mozilla.org/en-US/

    - https://www.geeksforgeeks.org/

- We came up with our project title using Squadhelp, an business name generator:

    -https://www.squadhelp.com/Name-Ideas/599/education-business-name-generator

# Acknowledgements

- Thank you to Mr. Sea for helping us with coding this project
- Thank you to Zara for Artistic Opinion
- Thank you to Gabby for Helping with code through the forum