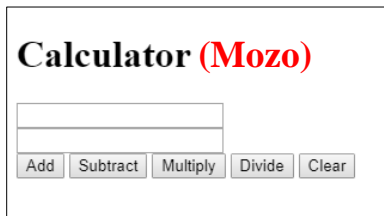


Building a simple PhoneGap application

1. Install PhoneGap Desktop and PhoneGap Mobile applications
2. Create a PhoneGap application
 - a. Open PhoneGap Desktop and Go to File > Create New Project
 - b. Select a blank template and click the Next button
 - c. Choose a local path, give your app a name (ex. MozoCalculator) and an id. Then, click the Create Project button.
 - d. Go to the local path where your project is stored and open the file index.html using any text editor.
 - e. Create a form in HTML that contains 2 number fields and five buttons. Each button triggers a specific JavaScript function and displays the result of the selected operation. The clear button clears the content of the fields as well as the displayed result.

Sample Form:



The screenshot shows a web-based calculator interface. At the top, the title "Calculator (Mozo)" is displayed in a bold, black font, with "(Mozo)" in red. Below the title, there are two empty text input fields stacked vertically. Underneath the input fields, there is a row of five buttons: "Add", "Subtract", "Multiply", "Divide", and "Clear". Each button is a small rectangle with a light gray background and a thin border.

- f. To test your code, open your device's PhoneGap mobile app and input the server's IP address found at the bottom part of your PhoneGap Desktop window. Or you can open index.html directly to your desktop's browser.
3. Build the PhoneGap application
 - a. Open <http://build.phonegap.com>
 - b. Create an account (if you don't have an account yet)
 - c. Compress your project and upload to the site
 - d. Click the Ready to Build button.
 - e. Download and install the APK to your mobile device
 - i. Option 1: Install a qr code reader to your mobile, scan the generated code and install.
 - ii. Option 2: Download, add, and install the APK to your Android device
 - f. You may enable Hydration in the settings so that updates are pushed directly to the application installed on a device. Once a developer uploads a new build, the end user of the app will be notified upon restart of the app.

What to submit?

1. index.html
2. apk