Creating Appium Script to check the battery percentage in Android phone Settings.

Install appium.

A screenshot of a computer

Description automatically generated

Install the uiautomator2 driver.

A screen shot of a computer

Description automatically generated

“appium” is the command to run the server. The appium runs on port 4723 by default.

A computer screen with white text

Description automatically generated

Download Android Studio. Choose the latest version.

A screenshot of a computer program

Description automatically generated

Check the terms and conditions and Choose Download.

A screenshot of a computer

Description automatically generated

This is how android studio interface looks like. Choose Virtual Device Manager.

A screenshot of a computer

Description automatically generated

There is an virtual device installed. Run the emulator.

A black rectangular object with a black line

Description automatically generated

The virtual device has opened.

A screenshot of a computer

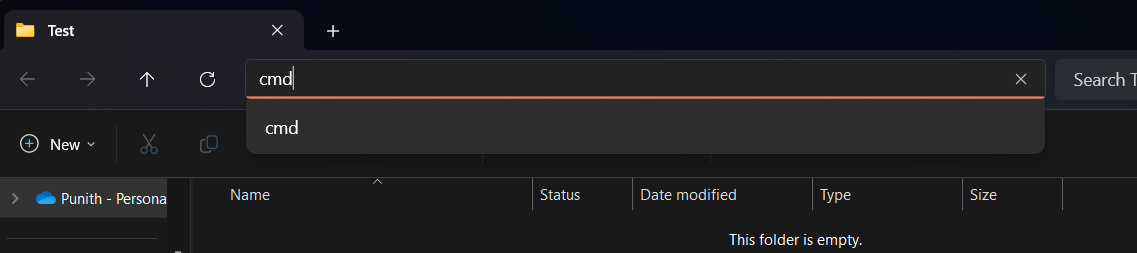
Description automatically generated

Make sure to set the ANDROID\_HOME path.

A screenshot of a computer

Description automatically generated

Create a new folder and open in terminal.



Use ‘npm init’ to initialize node into the folder.

A screenshot of a computer

Description automatically generated

Hit enter and the package.json has the dependencies created.

A computer screen shot of a black screen

Description automatically generated

Install webdriverio package.

A screenshot of a computer

Description automatically generated

The node modules have been installed into folder.

A screenshot of a computer

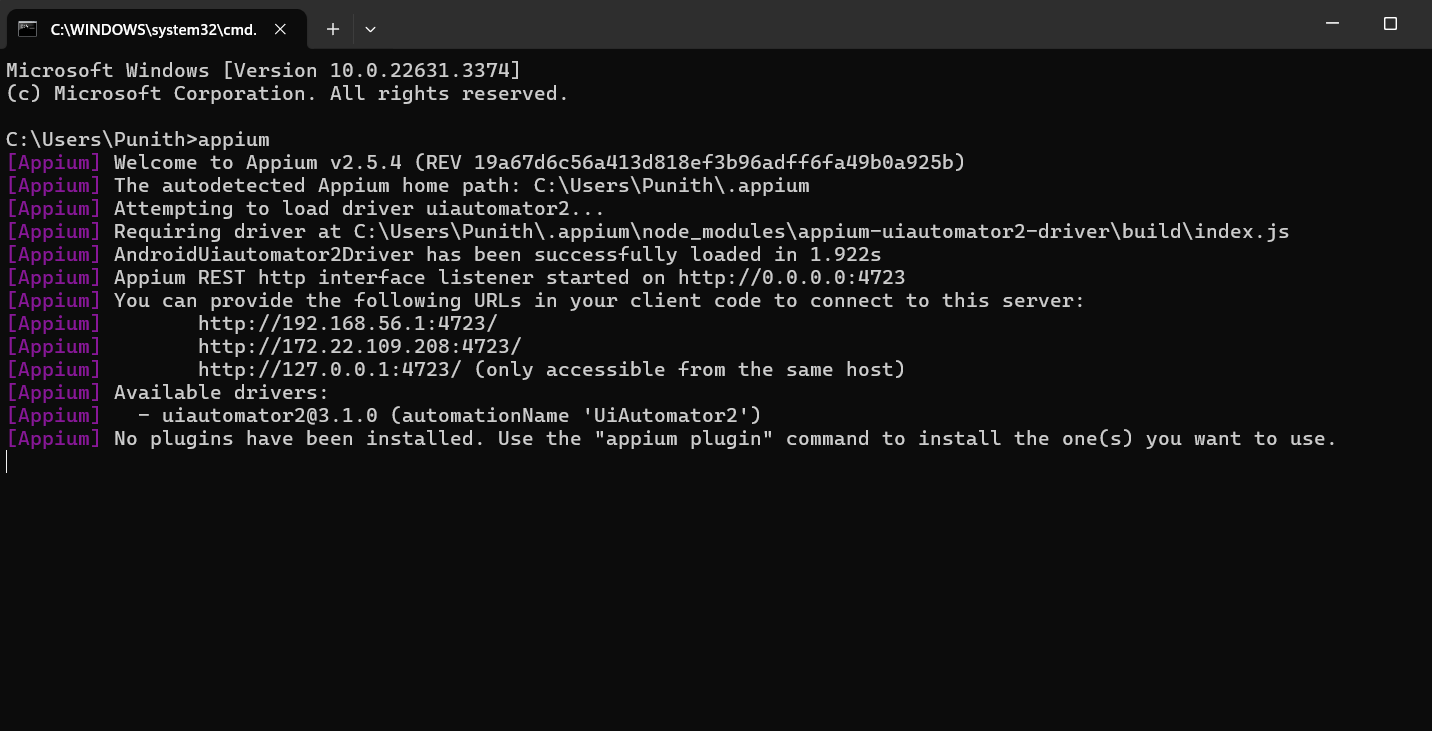
Description automatically generated

This is the code used to run appium script and go to settings>battery and click on battery.

A screen shot of a computer program

Description automatically generated

Make sure the appium is running.



Enter ‘node test.js’ to execute the code.

A screen shot of a computer

Description automatically generated

Settings has opened and clicked on the Battery.

A screenshot of a phone

Description automatically generated

We can see it clicked and the battery of the virtual device shown up.

A screenshot of a phone

Description automatically generated

Video Link:

https://drive.google.com/file/d/1Kq0q7kaIfBxWjcIOLUvOKksTHeOIHrfc/view?usp=drive\_link