**MAC - Simulator Launch**

**Commands to interact :**

1.Simctl --> tool for interacting with IOS simulator

$ xcrun simctl help

2.To list out the available simulator

$ xcrun simctl list

3.To create a simulator from terminal from the above list

$ xcrun simctl create "Example Simulator" com.apple.CoreSimulator.SimDeviceType.iPhone-12 com.apple.CoreSimulator.SimRuntime.iOS-14-3

4.To launch the created simulator

$ xcrun simctl boot 26F892AB-AA36-45FD-95FA-0DD957A16C29

5.After Launching to list the simulators

xcrun xctrace list devices

xcrun simctl list 'devices' 'booted'

How to get the device id in ios?

Installation 🡪 npm install -g ios-deploy

To get the bundle id from IOS

xcrun simctl listapps 90F403CF-38F9-497E-8EA4-2DF4E3737953

**Andorid - Simulator**

adb devices

This will list all the devices attached to your machine

How to check the activity name from android – adb?

adb shell dumpsys window windows | grep -E 'mCurrentFocus|mFocusedApp|mInputMethodTarget|mSurface'

Java - we have it in our syllabus(Intermidiate)

Selenium(Optional)

Appium -> it has its own commands

apk.info -> application can be installed in the andorid devices

eclipse (or) intellij

nodejs -> npm -> node package manager -> this will al the liobrary files required for your appium installation

Installation via nodejs for windows

npm i -g appium

appium driver install uiautomator2

appium -v --> this will check the verison of appium installed

Mac machine:

npm i -g appium

appium driver list -> this will list down all the drievrs it requires for appium to work

appium driver install <name of the driver> -->generic

appium driver install uiautomator2

- uiautomator2@2.34.1 [installed (npm)]

- xcuitest@5.8.2 [installed (npm)]

- mac2@1.8.8 [installed (npm)]

- espresso@2.29.2 [installed (npm)]

- safari@3.5.8 [installed (npm)]

- gecko@1.2.9 [installed (npm)]

- chromium@1.2.40 [installed (npm)]

Troubleshooting adb:

Enter below command in the terminal

~/Library/Android/sdk/platform-tools/adb

Next command

sudo touch ~/.zshrc

set up ,

export ANDROID\_HOME=/Users/user-name/Library/Android/sdk

export PATH=$ANDROID\_HOME/platform-tools:$PATH

export PATH=$ANDROID\_HOME/tools:$PATH

export PATH=$ANDROID\_HOME/tools/bin:$PATH