Appium,

Download Android sdk and Install

Configure Environment Variable

Android\_Home="";

Download Node.js file and Install

Start Appium server: command -- node appium

Dot net Framework(Because Appium Opens UI as well);

executeCommand();

DesiredCapabilities capabilities = **new** DesiredCapabilities();

File app = **new** File(apkpath);

capabilities.setCapability("deviceName", reader.readFromColumn("Android",1,4))

capabilities.setCapability("platformVersion", "4.4.2");

capabilities.setCapability("platformName", "Android");

capabilities.setCapability("appPackage", "com.whatsapp");

capabilities.setCapability("appActivity", "com.whatsapp.Main");

appium = **new** AndroidDriver(**new** URL("http://127.0.0.1:4723/wd/hub"), capabilities);

}