Exercise -2

1.Click on Menu Bar Icon in Home Screen

2.Scroll to the particular option in the Menu dynamically

3.Count of Languages present in App

3.Swipe the Screen up and again bottom

3.Click on Backbutton using Mobile Gestures

3.Click on Home button using Mobile Gestures

Code:

import static org.junit.Assert.\*;

import io.appium.java\_client.MobileElement;

import io.appium.java\_client.SwipeElementDirection;

import io.appium.java\_client.TouchAction;

import io.appium.java\_client.android.AndroidDriver;

import io.appium.java\_client.android.AndroidKeyCode;

import io.appium.java\_client.remote.MobileCapabilityType;

import io.appium.java\_client.remote.MobilePlatform;

import java.io.File;

import java.net.MalformedURLException;

import java.net.URL;

import java.util.List;

import org.junit.Test;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.remote.DesiredCapabilities;

public class Exercise2

{

@Test

public void test() throws MalformedURLException, InterruptedException {

//Step1: Open Raaga App

File appDir = new File("src");

File app = new File(appDir, "com.raaga.android-1.apk");

DesiredCapabilities cap=new DesiredCapabilities();

cap.setCapability(MobileCapabilityType.PLATFORM\_NAME,MobilePlatform.ANDROID);

cap.setCapability(MobileCapabilityType.DEVICE\_NAME, "Android Emulator");

cap.setCapability(MobileCapabilityType.NEW\_COMMAND\_TIMEOUT, "25");

cap.setCapability(MobileCapabilityType.APP, app.getAbsolutePath());

AndroidDriver driver=new AndroidDriver(new URL("http://127.0.0.1:4723/wd/hub"),cap );

Thread.sleep(5000L);

driver.findElementById("com.raaga.android:id/ximgvwLanguage").click();

driver.scrollTo("Gujarati");

MobileElement abc=(MobileElement)driver.findElementById("com.raaga.android:id/xtxtvwName");

abc.swipe(SwipeElementDirection.DOWN, 3000);

abc.swipe(SwipeElementDirection.UP, 3000);

System.out.println(driver.findElementsById("com.raaga.android:id/xtxtvwName").size());

System.out.println(driver.findElementById("com.raaga.android:id/xtxtvwTitle").getText());

driver.sendKeyEvent(AndroidKeyCode.BACK);

Thread.sleep(5000L);

driver.sendKeyEvent(AndroidKeyCode.HOME);

}

}