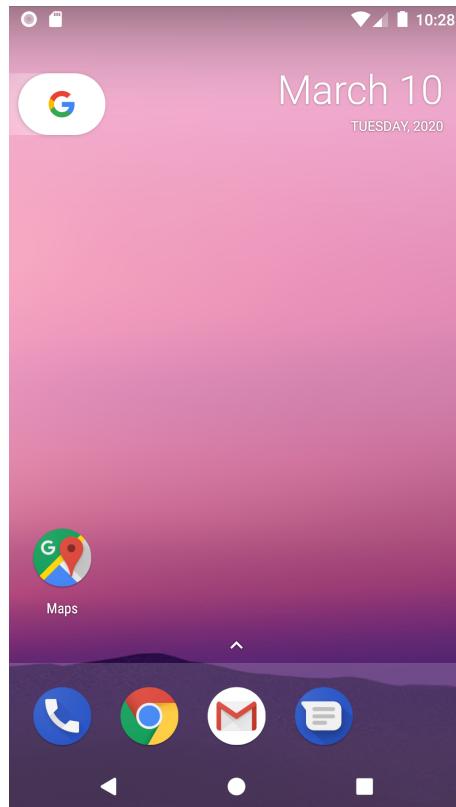


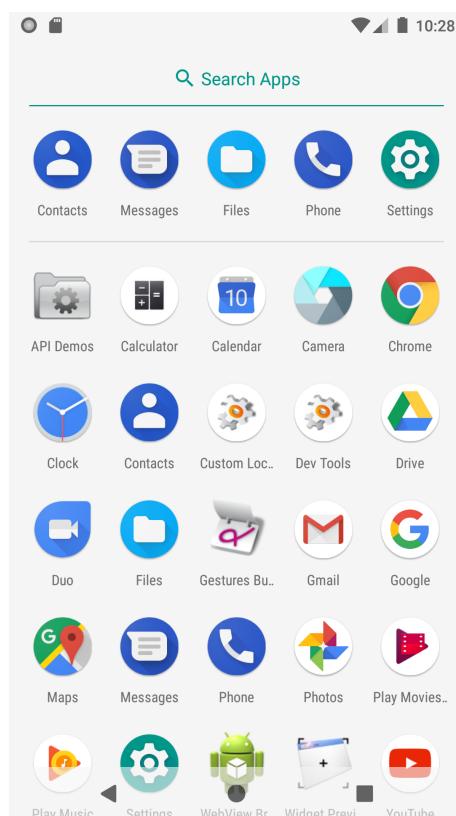
Midterm ADB

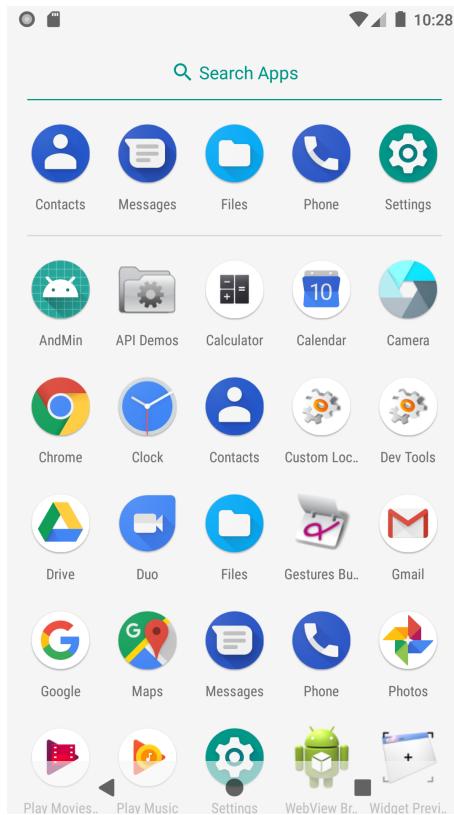
Juan Esteban Mendez
Student code: 201531707
Emulator: Pixel_2_API_26

1. Install an android apk through ADB on either an emulator or an actual device

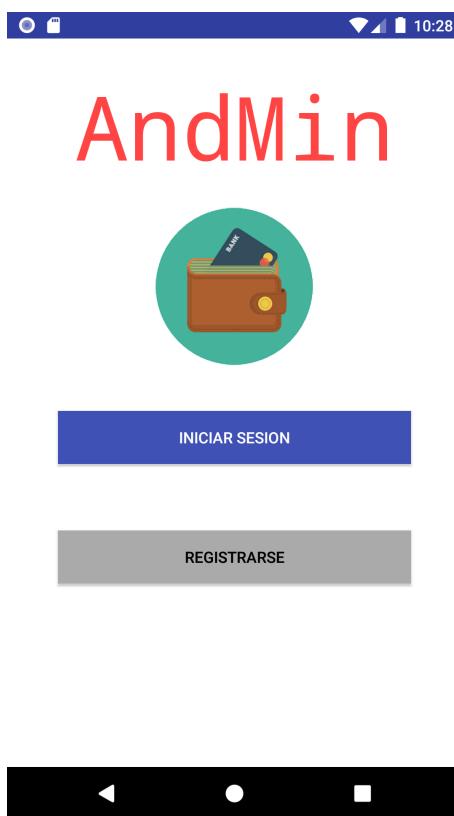


Command: adb install app-release.apk





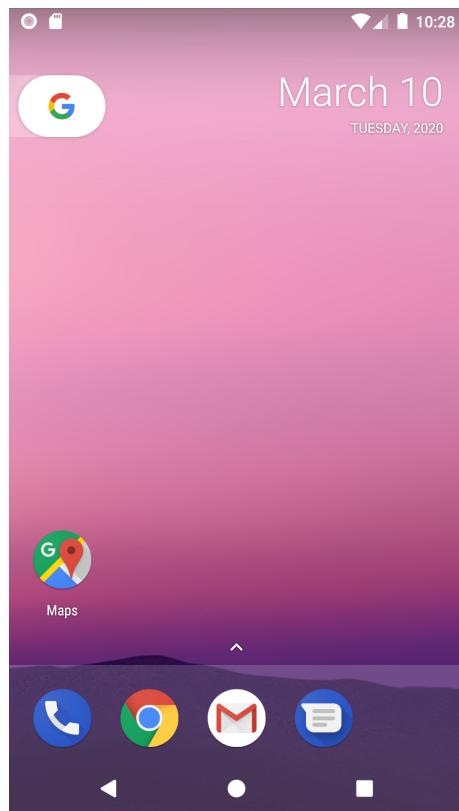
Command: adb shell am start -c api.android.intent.LAUNCHER -a api.android.category.MAIN -n com.andminuniandes/com.interfaz.MainActivity



QUESTION 1

1. Go to the home menu and click on the first app available on the launcher, all via ADB.

Command: adb shell input keyevent 3



Command: adb shell am start -c api.android.intent.LAUNCHER -a api.android.category.MAIN -n com.google.android.apps.maps/com.google.android.mapsMapsActivity

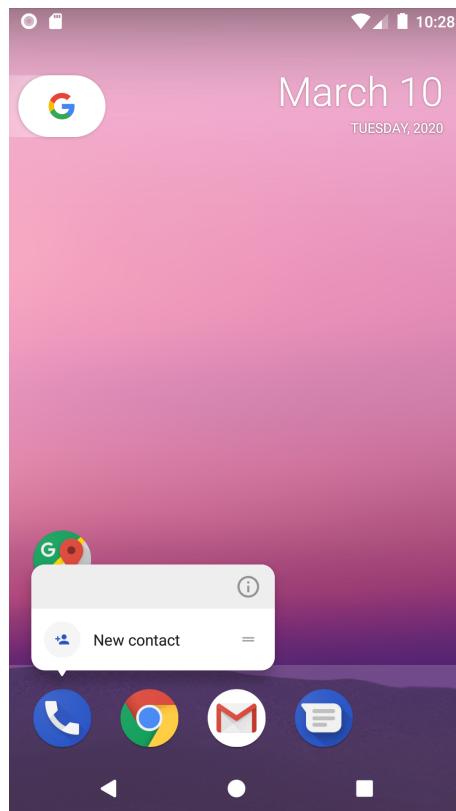


Google



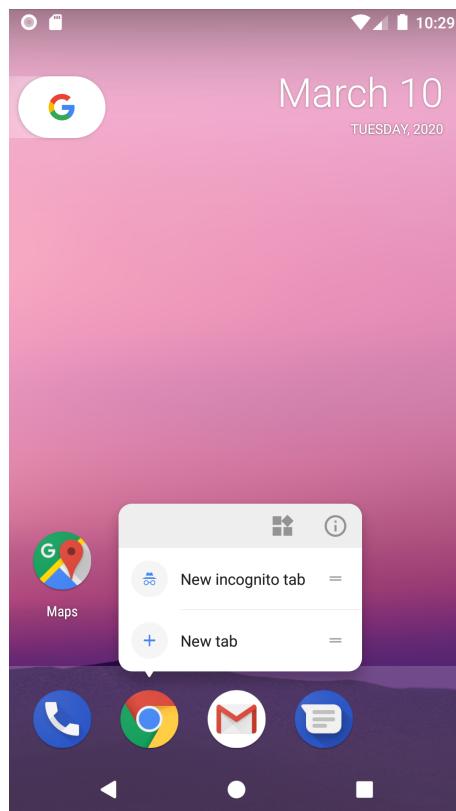
2. Go to the home menu and long tap the first 3 apps available on the launcher, all via ADB.

Command: adb shell input touchscreen swipe 200 1700 200 1700 2000



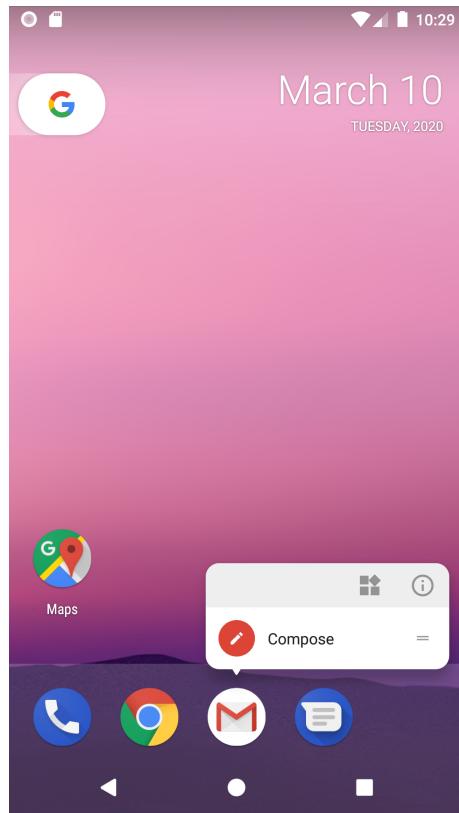
Command: adb shell input keyevent 3

Command: adb shell input touchscreen swipe 350 1700 350 1700 2000



Command: adb shell input keyevent 3

Command: adb shell input touchscreen swipe 500 1700 500 1700 2000



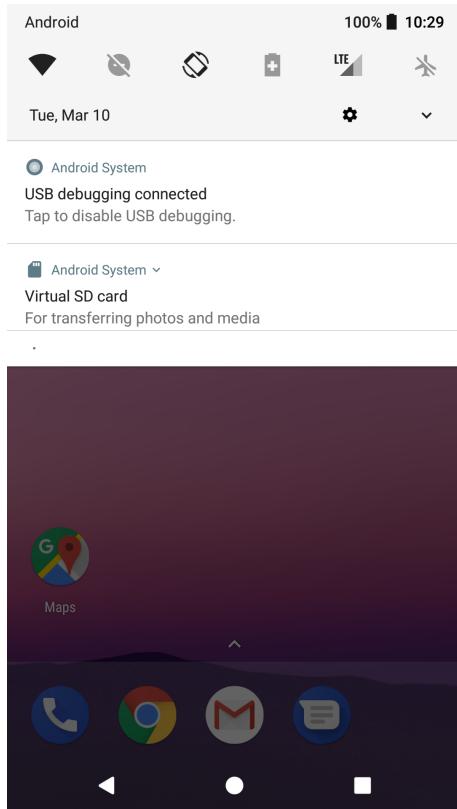
3. Using ADB, verify the device's current WiFi status (on/off)

Command: `dumpsy wifi | grep 'Wi-Fi is'`

The command shown above, was executed. It returns a string indicating if the wifi is enabled. In this case the command returned 'Wi-Fi is enabled'

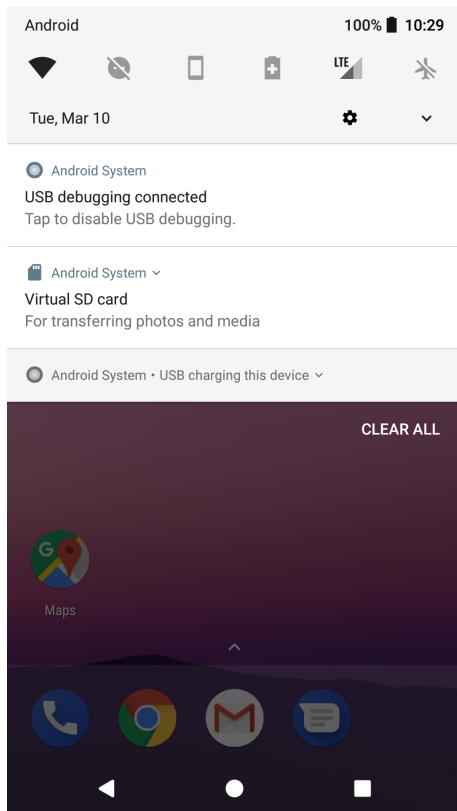
4. Using ADB, activate the device's rotation lock.

Command: `adb shell input touchscreen swipe 400 20 400 800 1000`



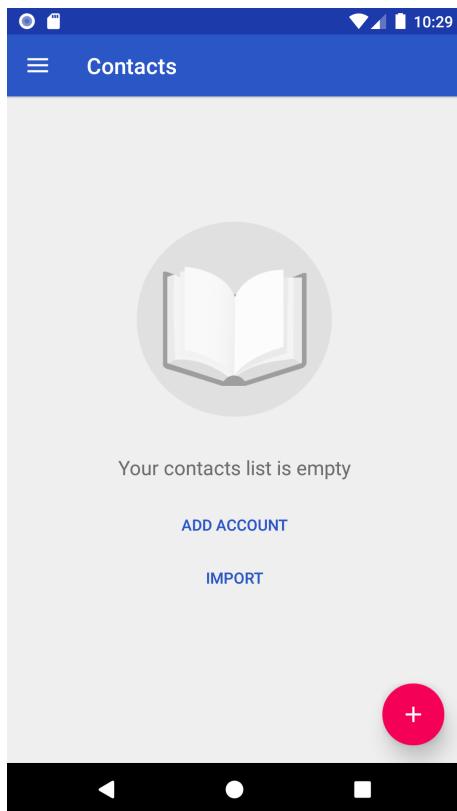
Command: adb shell content insert --uri content://settings/system --bind name:s:accelerometer_rotation

--bind value:i:0



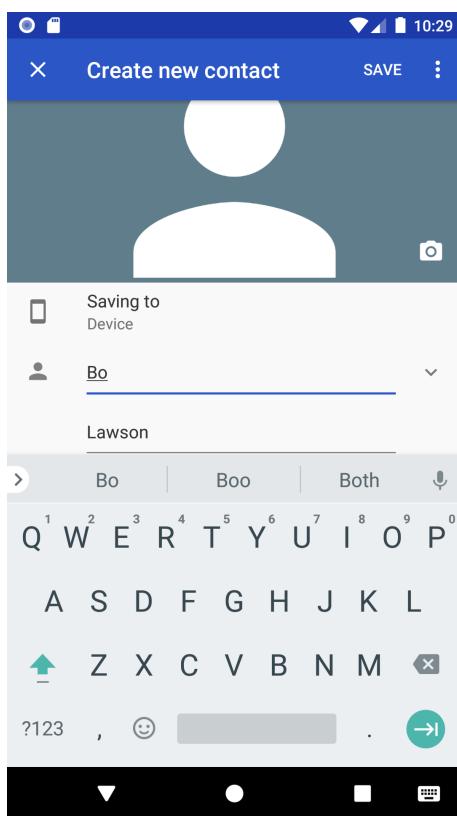
5. Using ADB, launch the contacts app and add a new contact to the contact's list.

Command: adb shell input keyevent 207

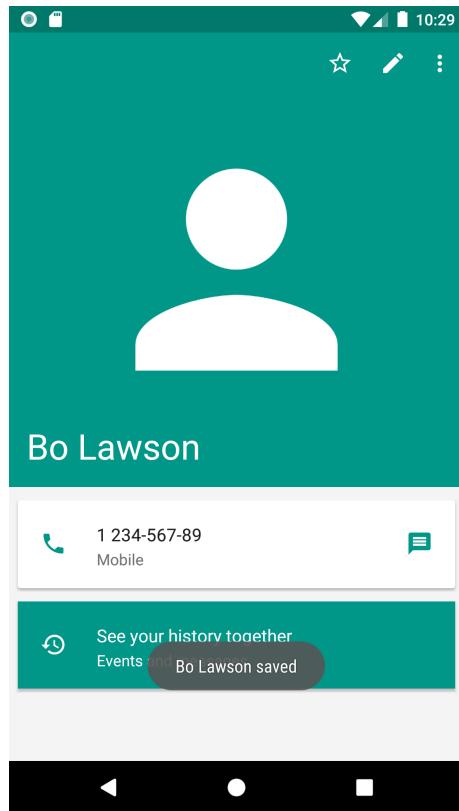


Command: adb shell am start -a android.intent.action.INSERT -t vnd.android.cursor.dir/contact -e name

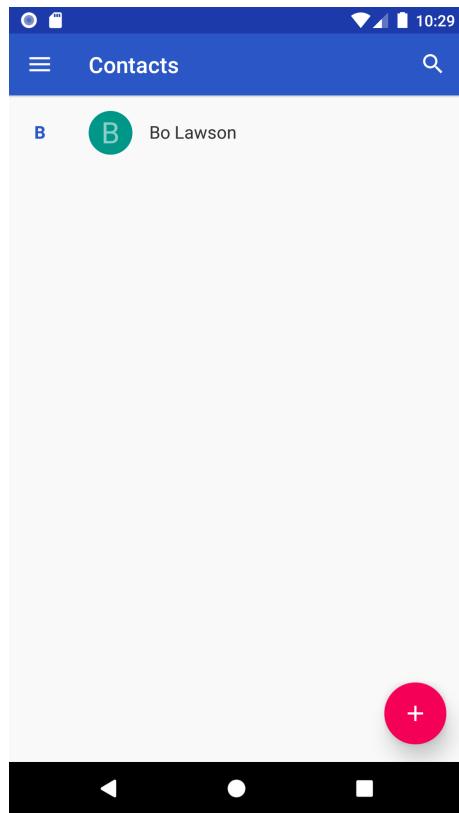
'Bo Lawson' -e phone 123456789



Command: adb shell input tap 900 80



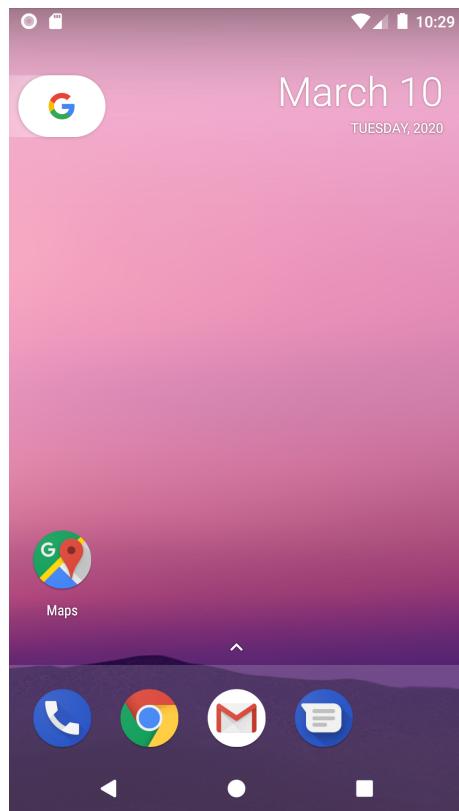
Command: adb shell keyevent 4



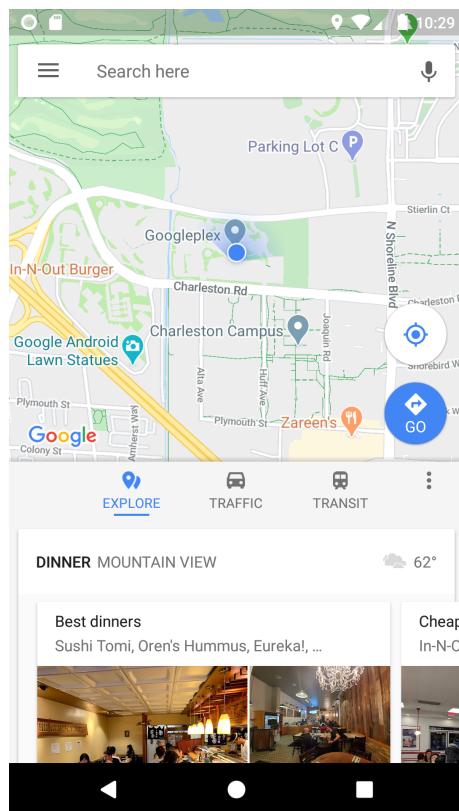
QUESTION 2

1. Go to the home menu and click on the first app available on the launcher, all via ADB.

Command: adb shell input keyevent 3

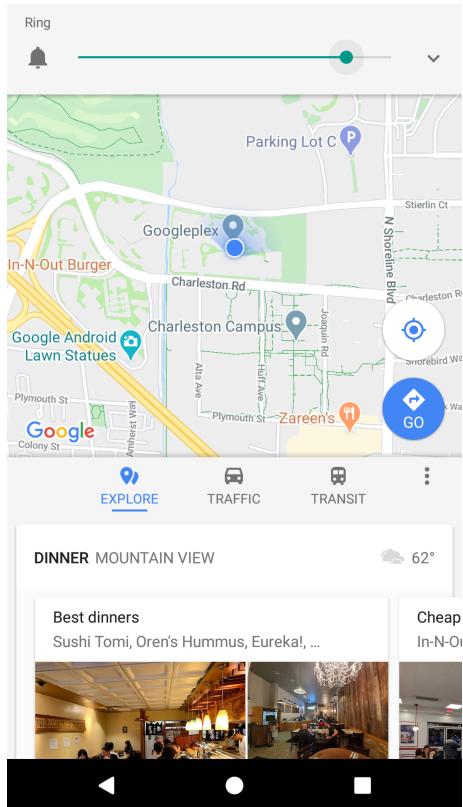


Command: adb shell am start -c api.android.intent.LAUNCHER -a api.android.category.MAIN -n com.google.android.apps.maps/com.google.android.maps.MapActivity



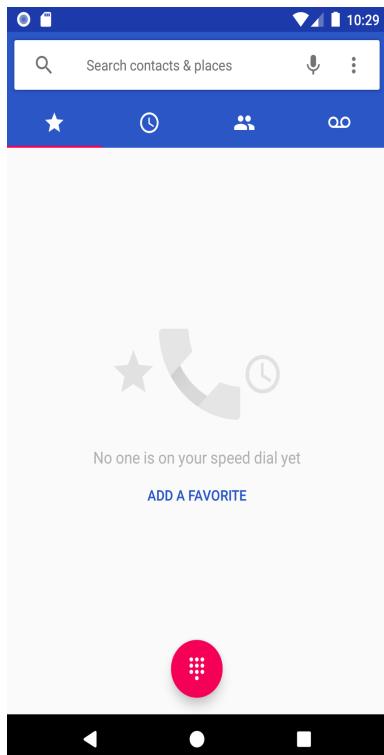
2. Using ADB, lower the device's volume.

Command: adb shell keyevent 25

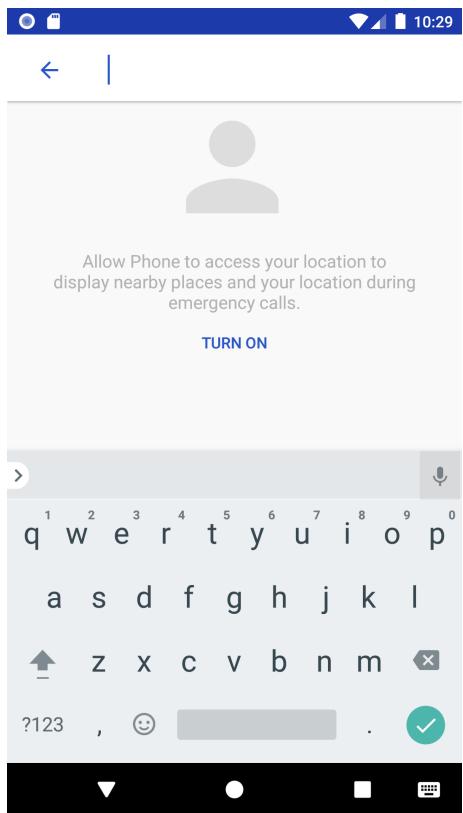


3. Using ADB, open the notes app (or any app with text input) and write your name.

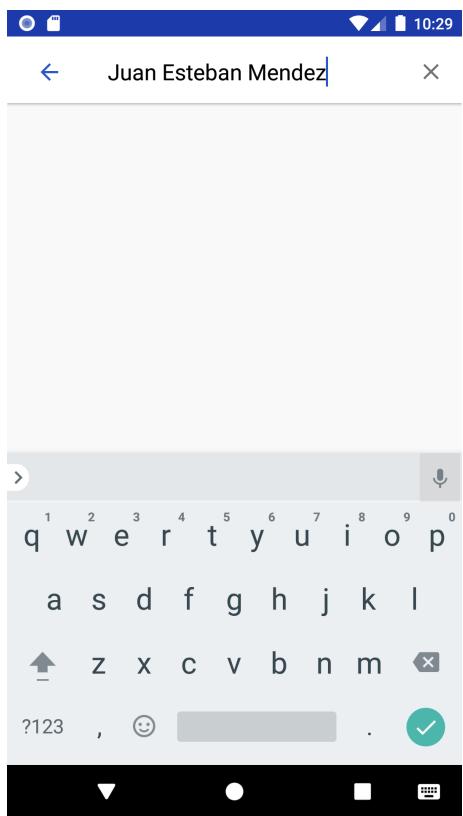
Command: adb shell am start -c api.android.intent.LAUNCHER -a api.android.category.MAIN -n com.google.android.dialer/com.google.android.dialer.extensions.GoogleDialtactsActivity



Command: adb shell input tap 500 90



Command: adb shell input text 'Juan Esteban Mendez'



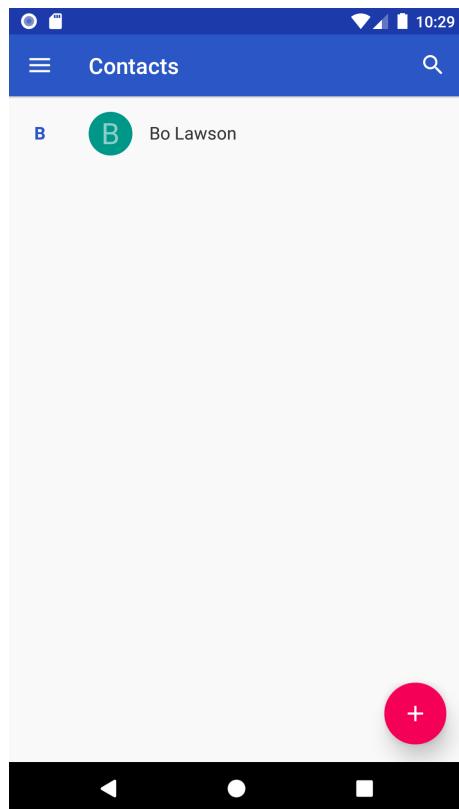
4. Using ADB, turn on bluetooth.

Command: adb shell am start -a android.bluetooth.adapter.action.REQUEST_ENABLE

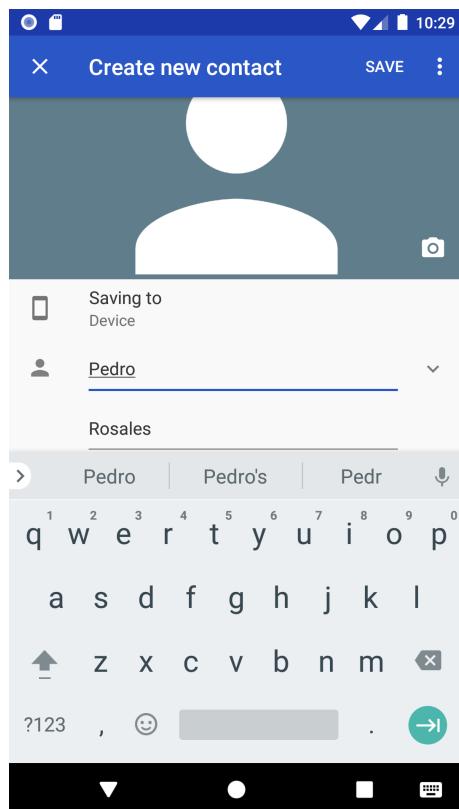
Given that for this report an emulator was used, a screenshot of the command working wasn't able to be taken. Although, if the script is ran with an actual android device, it is guaranteed it will work.

5. Using ADB, launch the contacts app and add a new contact to the contact's list.

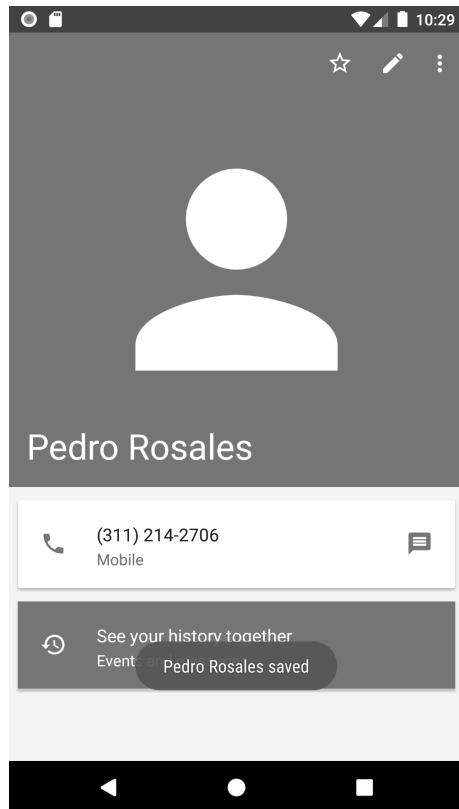
Command: adb shell input keyevent 207



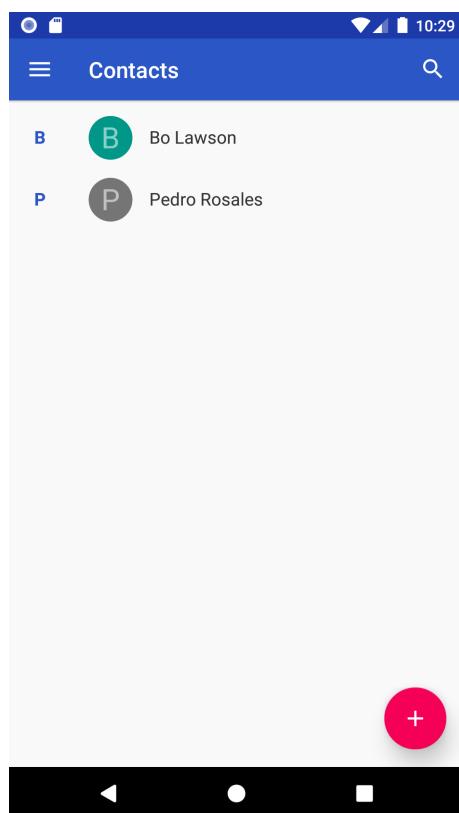
Command: adb shell am start -a android.intent.action.INSERT -t vnd.android.cursor.dir/contact -e name 'Pedro Rosales' -e phone 3112142706



Command: adb shell input tap 900 80



Command: adb shell input keyevent 4



Uninstall apk.

Command: adb uninstall com.andminuniandes

