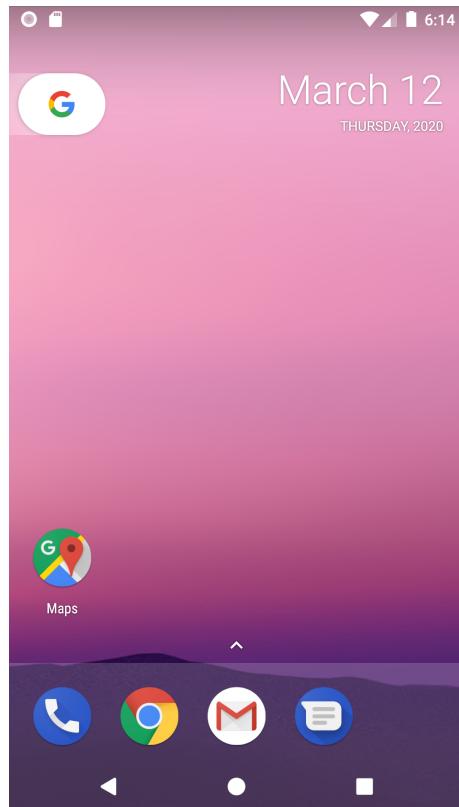


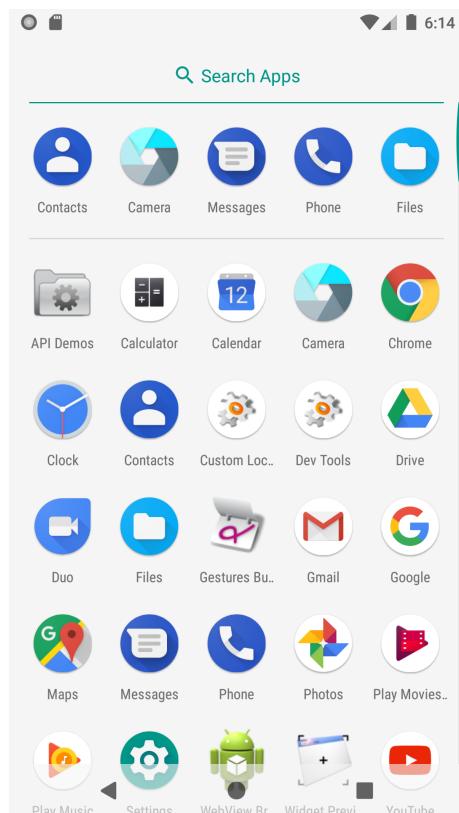
## Midterm ADB

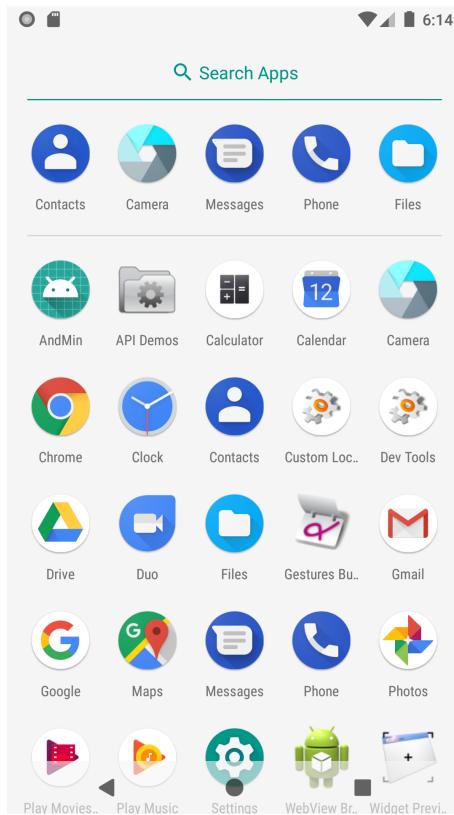
Juan Esteban Mendez  
Student code: 201531707  
Emulator: Pixel\_2\_API\_26

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

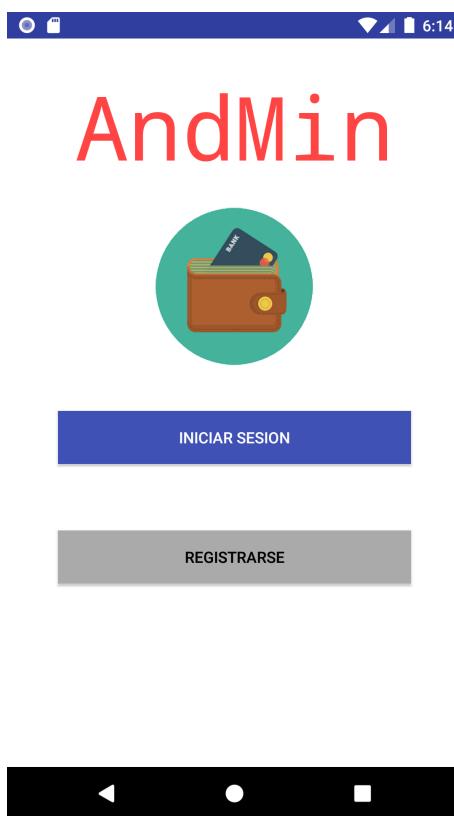


Command: adb install app-release.apk





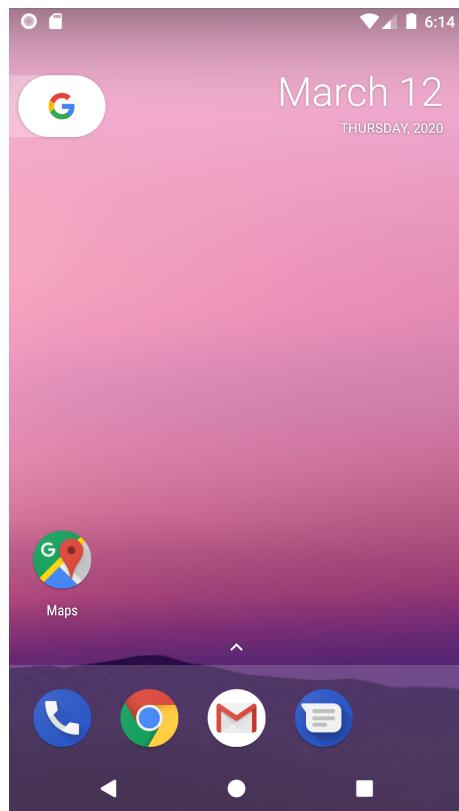
Command: adb shell am start -c api.android.intent.LAUNCHER -a api.android.category.MAIN -n com.andminuniandes/com.interfaz.MainActivity



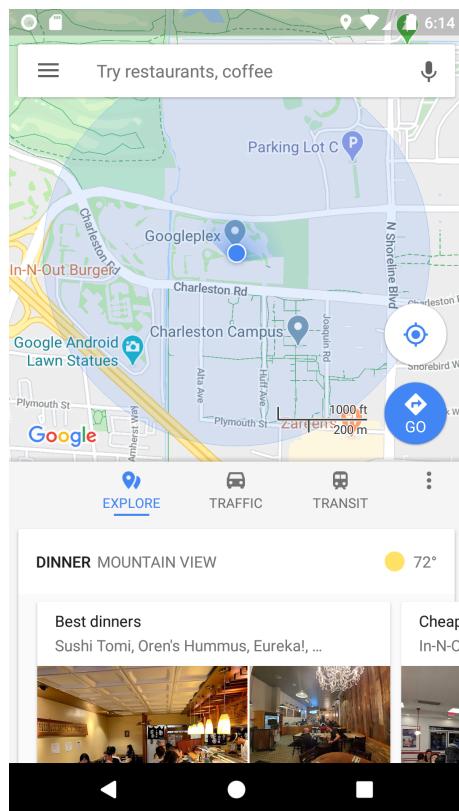
## QUESTION 1

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

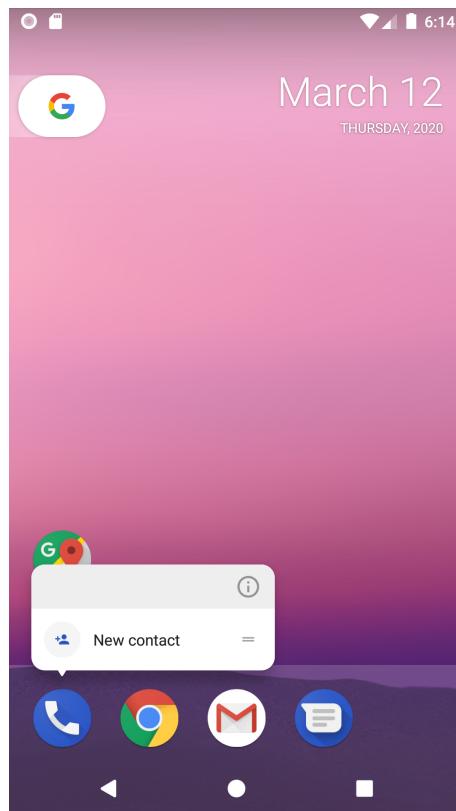


Command: adb shell am start -c api.android.intent.LAUNCHER -a api.android.category.MAIN -n com.google.android.apps.maps/com.google.android.mapsMapsActivity



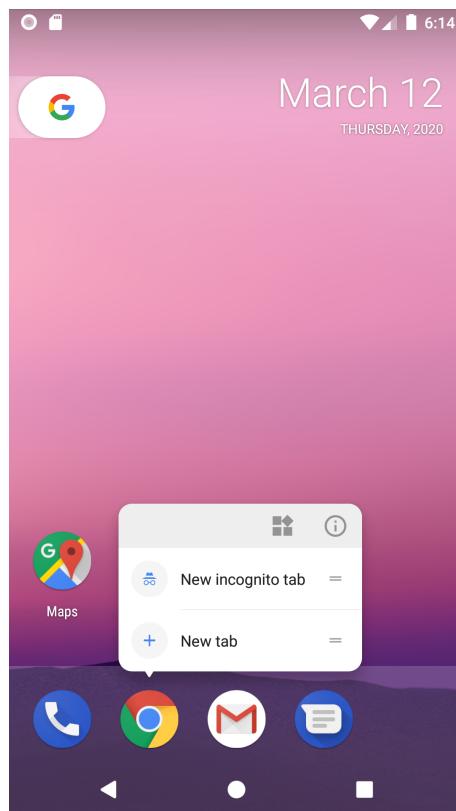
2. Go to the home menu and long tap the first 3 apps available on the launcher, all via ADB.

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



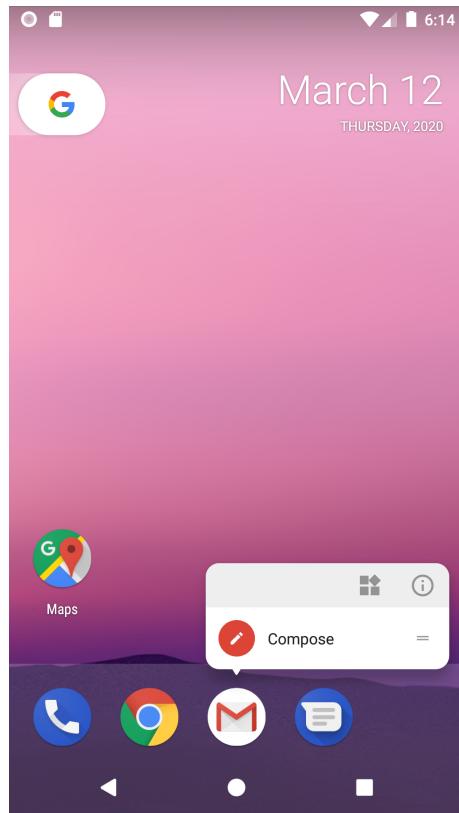
Command: adb shell input keyevent 3

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



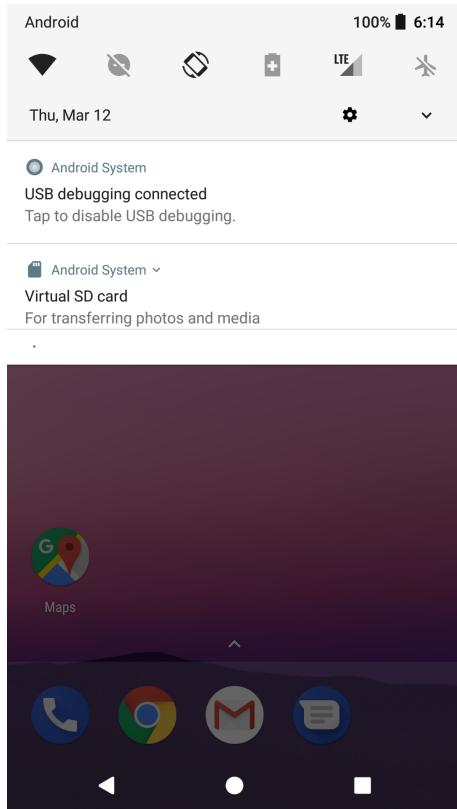
### 3. Using ADB, verify the device's current WiFi status (on/off)

Command: `dumpsys 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'

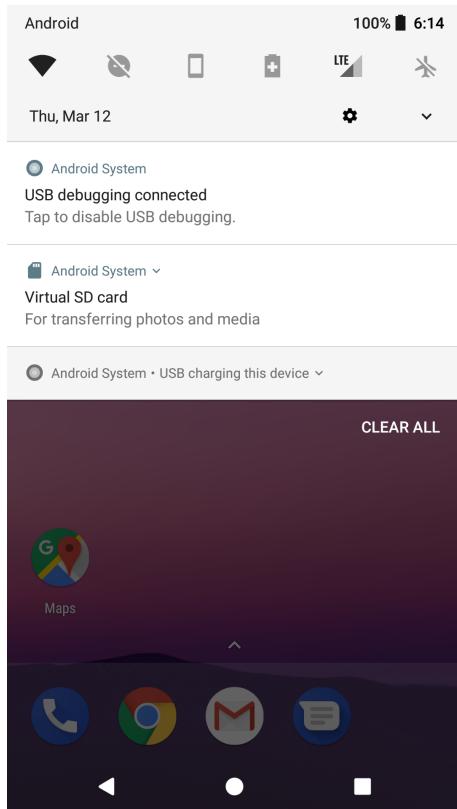
### 4. Using ADB, activate the device's rotation lock.

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



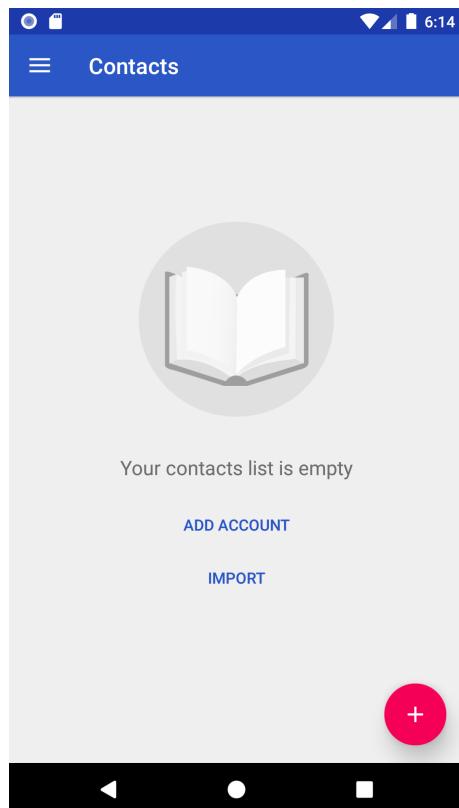
Command: adb shell content insert --uri content://settings/system --bind name:s:accelerometer\_rotation

--bind value:i:0



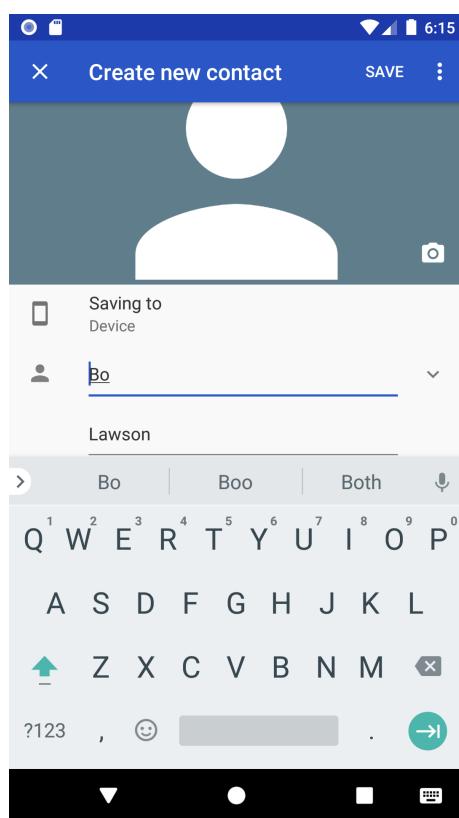
5. Using ADB, launch the contacts app and add a new contact to the contact's list.

Command: adb shell input keyevent 207

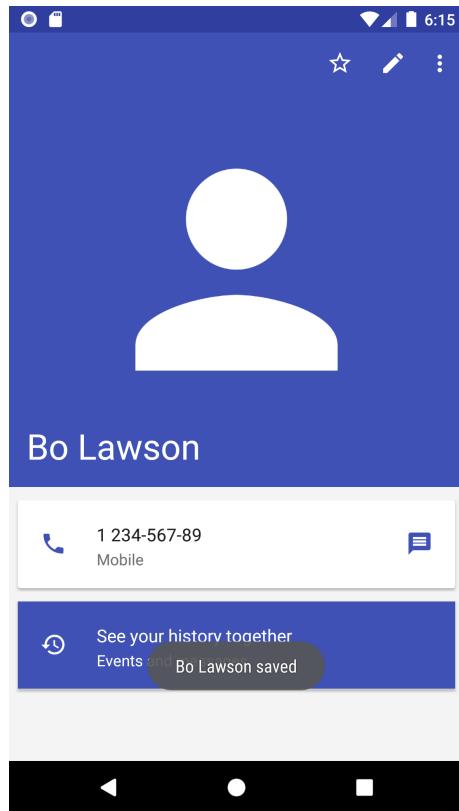


Command: adb shell am start -a android.intent.action.INSERT -t vnd.android.cursor.dir/contact -e name

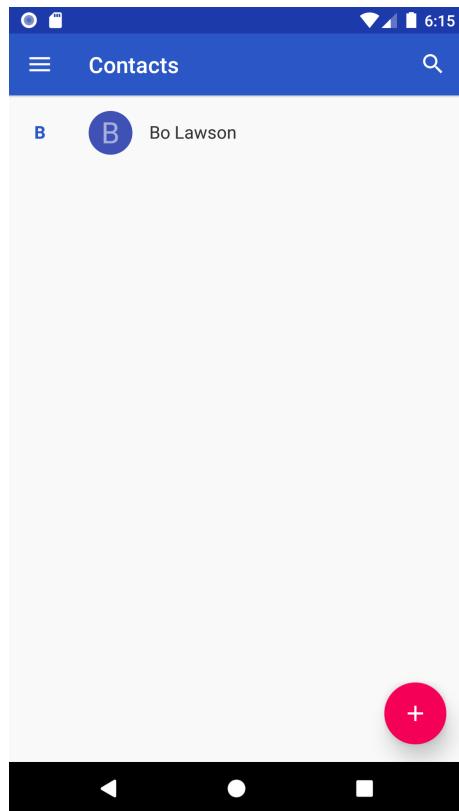
'Bo Lawson' -e phone 123456789



Command: adb shell input tap 900 80



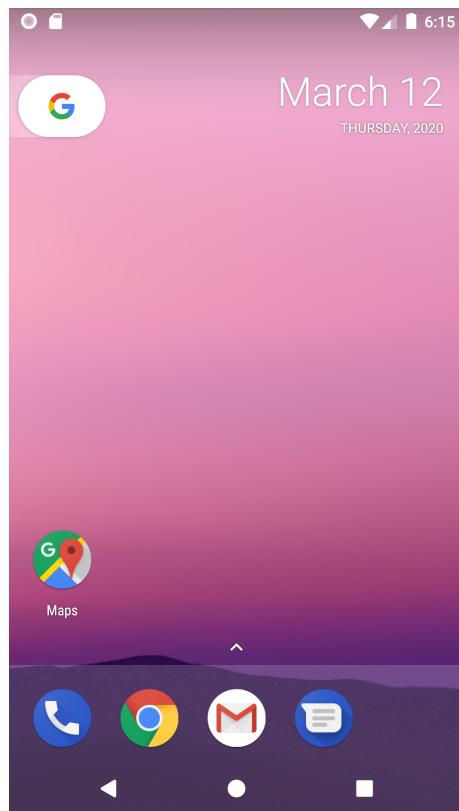
Command: adb shell keyevent 4



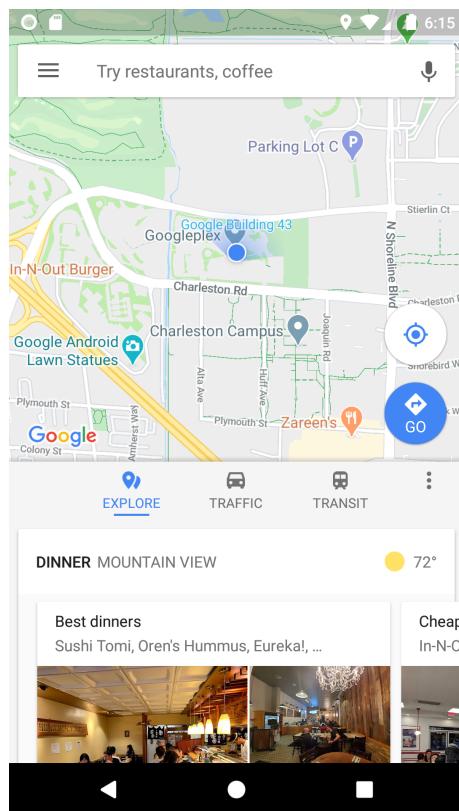
## QUESTION 2

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

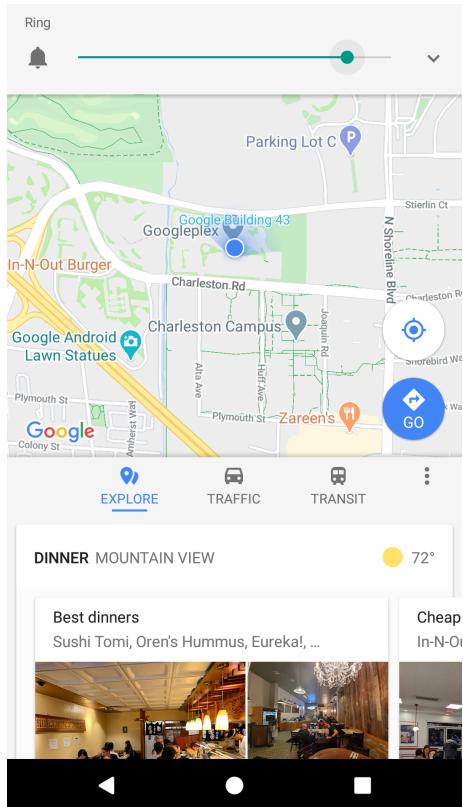


Command: adb shell am start -c api.android.intent.LAUNCHER -a api.android.category.MAIN -n com.google.android.apps.maps/com.google.android.maps.MapActivity



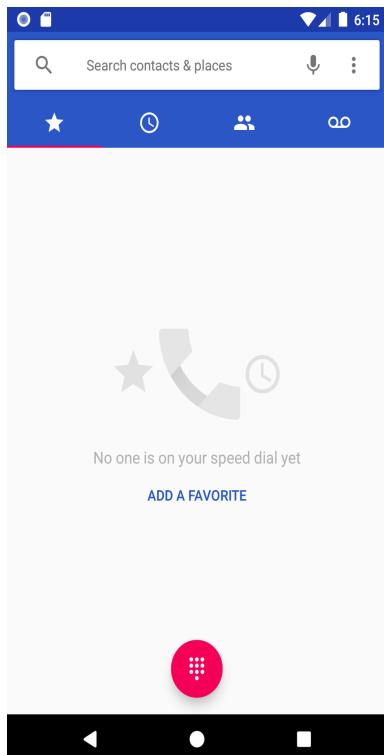
2. Using ADB, lower the device's volume.

Command: adb shell keyevent 25

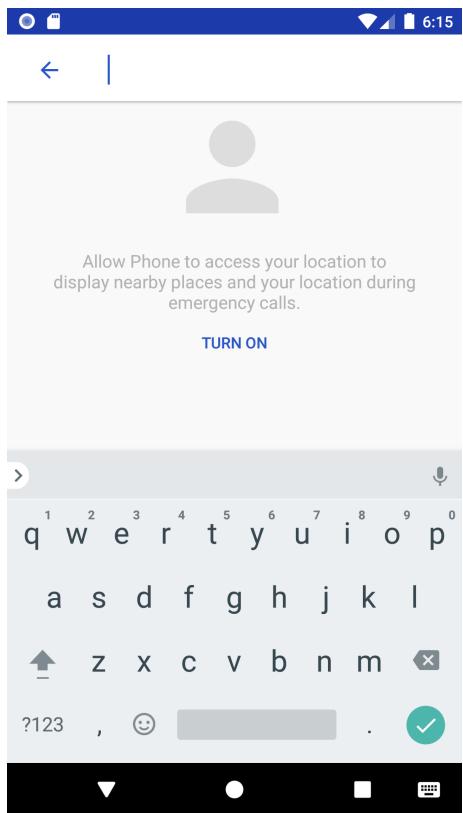


3. Using ADB, open the notes app (or any app with text input) and write your name.

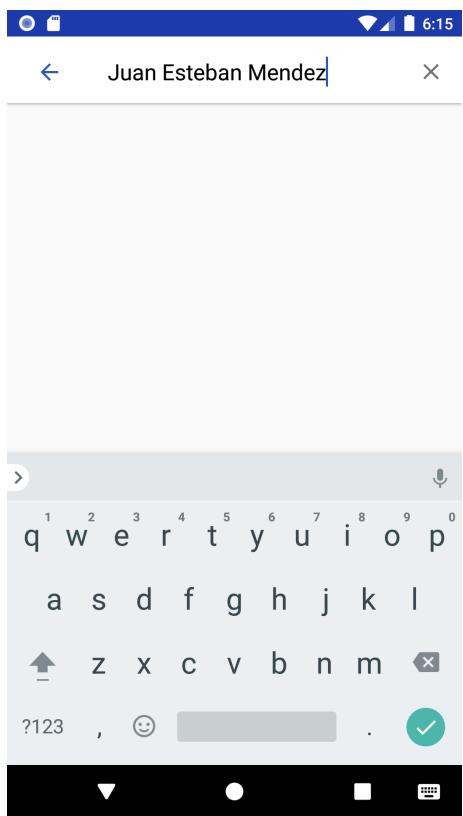
Command: adb shell am start -c api.android.intent.LAUNCHER -a api.android.category.MAIN -n com.google.android.dialer/com.google.android.dialer.extensions.GoogleDialtactsActivity



Command: adb shell input tap 500 90



Command: adb shell input text 'Juan Esteban Mendez'



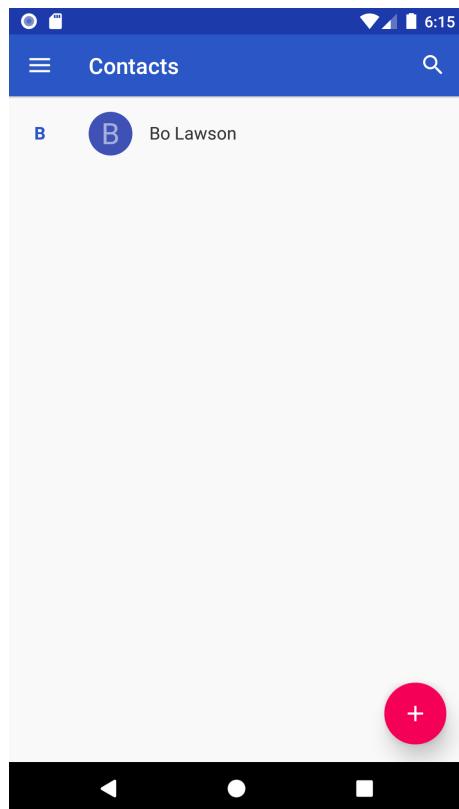
#### 4. Using ADB, turn on bluetooth.

Command: adb shell am start -a android.bluetooth.adapter.action.REQUEST\_ENABLE

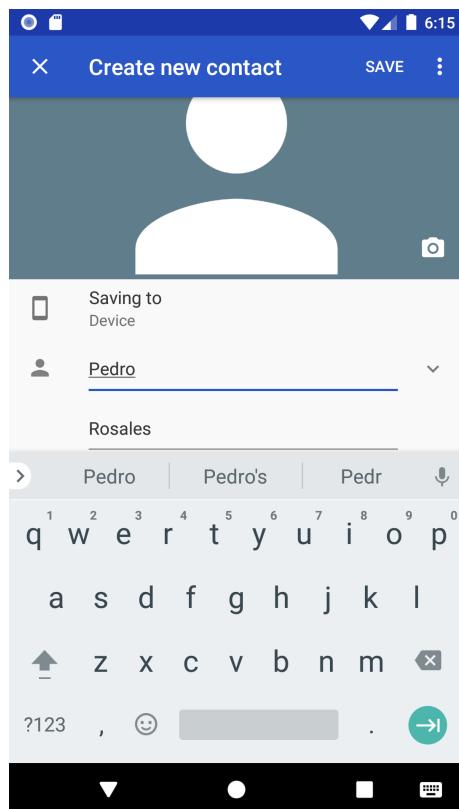
Given that for this report an emulator was used, a screenshot of the command working wasn't able to be taken. Although, if the script is ran with an actual android device, it is guaranteed it will work.

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

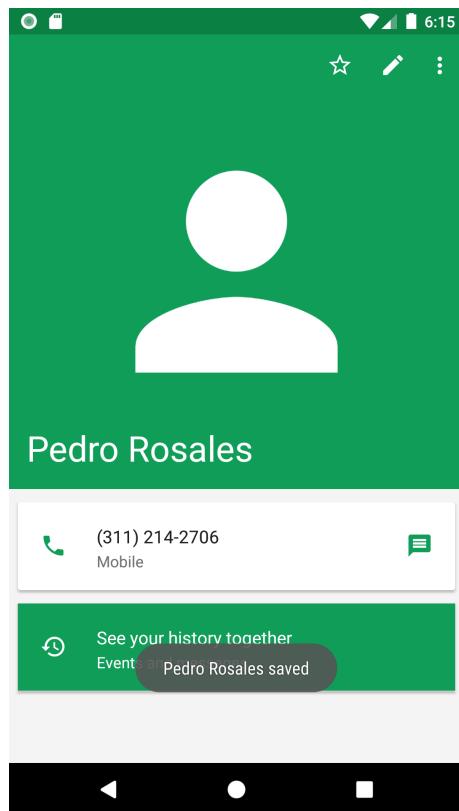
Command: adb shell input keyevent 207



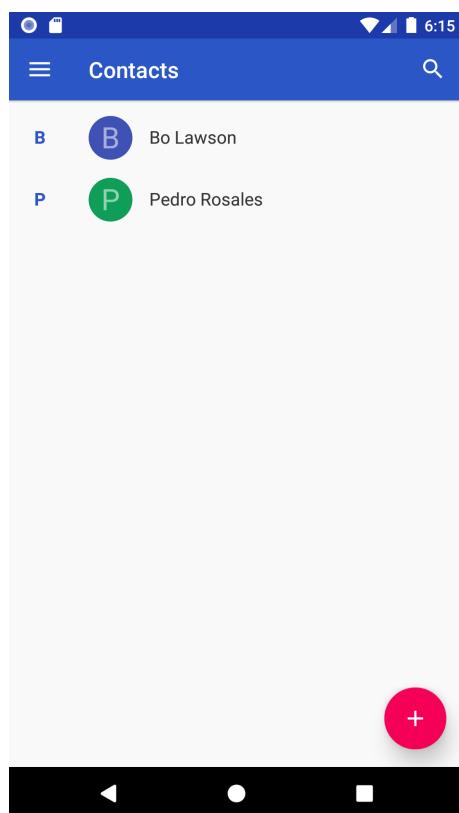
Command: adb shell am start -a android.intent.action.INSERT -t vnd.android.cursor.dir/contact -e name 'Pedro Rosales' -e phone 3112142706



Command: adb shell input tap 900 80



Command: adb shell input keyevent 4



Uninstall apk.

Command: adb uninstall com.andminuniandes

