IT Essentials 5.0

8.2.4.3 Lab - Mobile Device Features - Android and iOS

Introduction

Print and complete this lab.

In this lab, you will set the autorotation, brightness, and turn GPS on and off.

Recommended Equipment

The following equipment is required for this exercise:

- Android tablet or smartphone running Android version 4.0
- iOS tablet or smartphone running iOS version 5.0

Part 1 - Android Auto Rotation

Step 1

Turn on the device and log in with the password, PIN, or other passcode, if necessary.

The main home screen appears.

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Step 2

Touch the notification and system icons.

The "notification" area appears.

| Q Google | | • | | | |
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Touch the Settings icon.

The "Settings" menu appears.

| Settings | | 🔊 Scan 🕂 Add network 📃 |
|---------------|---------------------------------------|------------------------|
| 🛜 Wi-Fi 📃 💿 | Wi-Fi | |
| | Wi-Fi networks | |
| Bluetooth OFF | littleboxwireless Connected | A |
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| 🗱 Display | | |
| Power saving | | |
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Step 3

Touch Display.

The "Display" menu appears.

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|---------------|---|-------------------|
| 🛜 Wi-Fi 🗾 💿 | Display | |
| | General | |
| Bluetooth OFF | Brightness | ۲ |
| 🕑 Data usage | Auto-rotate screen | |
| More | Screen timeout After 5 minutes of inactivity | ۲ |
| Device | Font style Set font | ۲ |
| Sound | Font size Tiny | ۲ |
| Wallpaper | | |
| Cock screen | | |
| 🔅 Display | | |
| Power saving | | |
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Touch the checkbox next to Auto-rotate screen repeatedly until there is no check in the box.

Rotate the device 90 degrees clockwise.

What happens to the screen?

Rotate the device 90 degrees counter-clockwise.

Touch the checkbox next to Auto-rotate screen.

Rotate the device 90 degrees clockwise.

What happens to the screen?

Touch the **Home** button to return to the home screen.

Part 2 - iOS Auto Rotation

Step 1

Turn on the device and log in with the password, PIN, or other passcode, if necessary.

The main home screen appears.



Double-click the **Home** button.

The "Multitasking Bar" appears.



Scroll from left to right until the "Orientation" icon appears.



Touch the **Orientation** icon to lock the screen in portrait orientation.



Click the **Home** button.

Touch Calendar.

Rotate the device 90 degrees clockwise.

What happens to the screen?

Double-click the **Home** button.

Scroll left to right.

Touch the **Orientation** icon to unlock portrait orientation.



Rotate the device 90 degrees clockwise.

What happens to the screen?

Click the **Home** button to return to the home screen.

Part 3 – Android Brightness

Step 1

Touch the notification and system icons.

The "notification" area appears.

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Touch the Settings icon.

The "Settings" menu appears.

| Settings | | a Scan | + Add network |
|------------------|---------------------------------------|--------|-----------------|
| 🛜 Wi-Fi 📃 💿 | Wi-Fi | | |
| Bluetooth | Wi-Fi networks | | |
| Bluetooth | littleboxwireless Connected | | 7 |
| 🕑 Data usage | Cricket Secured | | |
| More | lisa209968 Secured (WPS available) | | |
| Device | NEXUS Not in range | | |
| Sound | | | |
| Wallpaper | | | |
| Lock screen | | | |
| Display | | | |
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Step 2

Touch Display.

The "Display" menu appears.

| Settings | | |
|---------------|---|-------------------|
| 🛜 Wi-Fi 🗾 애 | Display | |
| | General | |
| Bluetooth CFF | Brightness | ٢ |
| Data usage | Auto-rotate screen | |
| More | Screen timeout After 5 minutes of inactivity | ۲ |
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| Display | | |
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Touch Brightness.

The "Brightness" menu appears

| Settings | | | |
|--------------|-------------|------------|-------------------|
| 🛜 Wi-Fi | ON | Display | |
| | | General | |
| Bluetooth | OFF | Brightness | ۲ |
| 🕐 Data usage | Brightness | | |
| More | | | (\mathfrak{d}) |
| Device | Automatic b | ngntness | ٢ |
| Sound | | • | |
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Move the slider all the way to the right.

What happens?

Touch the **Automatic brightness** checkbox repeatedly until there is a check in the box.

| Settings | | | |
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| 🥱 Wi-Fi | ON | Display | |
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| 🕑 Data usage | Brightness | | M |
| More | Mutomatic b | prightness | ۲ |
| Device | | | ۲ |
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| Display | | | |
| Power saving | OFF | | |
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What happens?

Touch the Automatic brightness checkbox.

Move the slider all the way to the left.

What happens?

Touch the Automatic brightness checkbox.

What happens?

Touch the **Home** button to return to the home screen.

Part 4 – iOS Brightness

Step 1

Touch the **Settings** icon.

The "Settings" menu appears.



Touch Brightness and Wallpaper.

The "Brightness and Wallpaper" screen appears.



Turn off Auto-Brightness.



Move the slider all the way to the right.

What happens?

Turn on Auto-Brightness.

What happens?

Turn off Auto-Brightness.

Move the slider all the way to the right.

What happens?

Turn on Auto-Brightness.

What happens?

Part 5 – Android GPS

Step 1

Touch the notification and system icons.

The "notification" area appears.

| Q Google | • • • | | |
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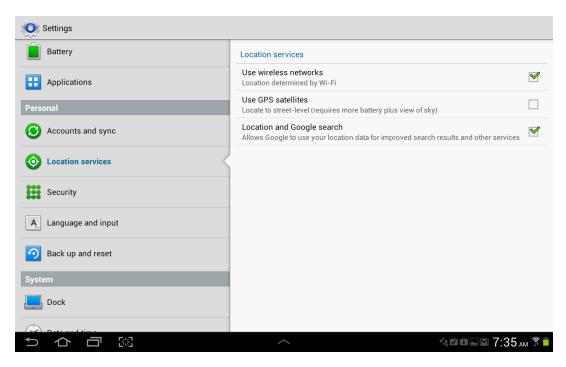
Touch the Settings icon.

The "Settings" menu appears.

| Settings | | 🔊 Scan 🕂 Add network 📃 |
|---------------|---------------------------------------|--|
| 🛜 Wi-Fi 📃 💿 | Wi-Fi | |
| | Wi-Fi networks | |
| Bluetooth OFF | littleboxwireless Connected | (TA |
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| Device | NEXUS Not in range | |
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Touch Location Services.

The "Location Services" menu appears.



Make sure that only the Use GPS satellites checkbox is not checked.

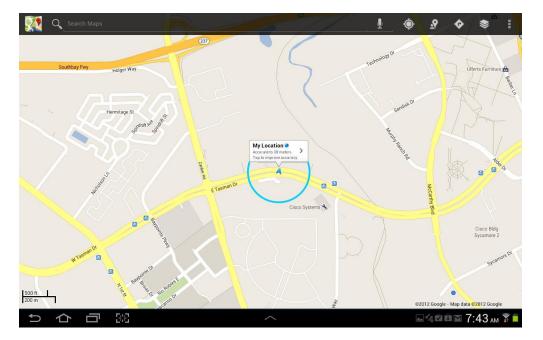
Touch the Home button.

Step 2

Touch the All Apps button.

Touch the **Maps** app icon.

The "Maps" app is opened.



What is the accuracy of the location?

How is the device able to determine the location?

Step 3

Touch the notification and system icons.

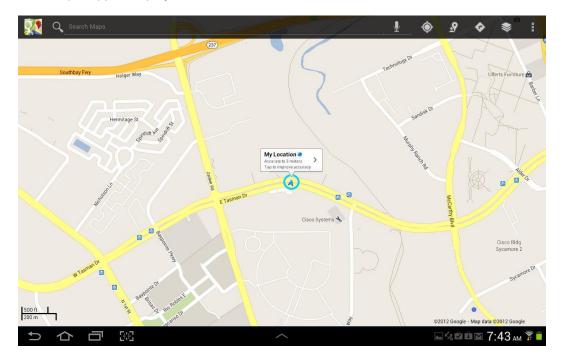
Touch the Settings icon.

Touch Location Services.

Touch the **Use GPS satellites** checkbox.

Touch the **Back** button.

The "Maps" app is displayed.



What is the accuracy of the location?

Touch the **Home** button.

Part 6 – iOS GPS

Step 1

Touch the Settings icon.

The "Settings" menu appears.



Touch Privacy.

The "Privacy" menu appears.

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|-------------------|------|
| Settings Privacy | _ |
| Location Services | On > |
| Contacts | > |
| Calendars | > |
| Reminders | > |
| 🙊 Photos | > |
| Bluetooth Sharing | > |
| | |
| Twitter | > |
| Facebook | > |
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Touch Location Services.

The "Location Services" menu appears.



What apps are using Location Services?

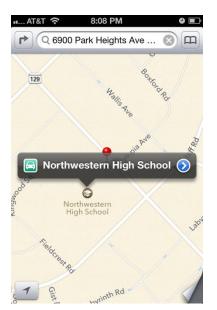
Turn Location Services off.

Click the Home button.

Step 3

Touch the Map app icon.

The "Map" app opens.



Touch the Current Location icon.



What happens?

Select Services.

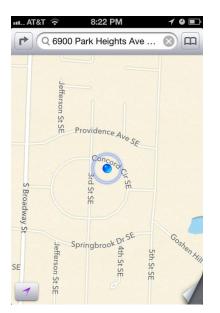
Turn Location Services on.

Touch the **Home** button.

Touch the **Map** app icon.

The "Map" app is opened.

Touch the **Current Location** icon.



What is the accuracy of the location?

Click the **Home** button.