Orientation
I will begin this tutorial with an orientation to the iPhone and its physical controls. I will then discuss “landscape” and “portrait” mode. Finally, I will give you step-by-step instructions on how to set your iPhone to consistently operate in portrait mode.

I am using an iPhone for this tutorial. However, the iPod is nearly identical in its physical configuration. So, almost all of the features I discuss here will apply to the iPod as well.

Orienting to the iPhone

Sides
Position your iPhone with the long sides to the left and right and the short sides on the top and bottom. This is called “portrait orientation.” The iPhone will be facing you when the long edge with 2 round buttons and a thin rectangular switch are on the left near the top.

The right edge is smooth and does not contain any controls. The top edge has a small round hole on the left and a single small rectangular button on the right.

On the bottom edge, you will find a rectangular opening. This is the 14-pin USB port, used for charging the phone and data transfers. To the right of the USB port is a small rectangular opening. This is the iPhone speaker.

Front Face
On the face of the phone, in the middle, near the top edge is a small rectangular opening with a small circular indent immediately to the left. These are the phone output speaker and the front-facing camera, respectively. Now run your fingers down the face of the iPhone’s until you find a physical round button in the middle near the bottom edge. This is the “Home” button.

Rear Face
Now turn your phone over. With the rear face of the phone towards you, you will feel a slight indent in the upper left corner. This is the main or rear-facing camera and LED torch.

Now that you are oriented to the phone, let’s examine the controls in more detail.
Physical Controls

Home Button
The home button is a control you will use frequently. You can use it to begin unlocking the phone, bring up a list of installed applications, access the application switcher, use Siri — the built-in speech recognition feature, and enable or disable voiceover.

Bottom Edge
You can use the 14-pin USB port on the bottom edge to connect your iPhone to a computer using the supplied USB cable. The cable can also be plugged into the supplied AC adapter for charging your phone using a standard electrical outlet.

Left Side

Volume Controls
The two round buttons on the left edge are volume controls. As you have probably guessed, the upper button is volume up and the lower button is volume down.

Mute Switch
The thin rectangular switch inset above the volume controls does not exist on iPods. It is the switch with which iPhone users can mute and unmute their phones. Moving the switch towards the rear of the phone will mute the phone. Note: only notification sounds are muted — VoiceOver will still speak. You will know that you have muted your phone when the phone vibrates and VoiceOver says “muted.” Moving the switch toward the front of the phone will unmute it. VoiceOver will say “unmuted.”

Top Edge

Audio Jack
On the left side of the top edge is a small round hole. This is a bi-directional audio jack. This means that the jack can output audio to headphones, earbuds, or other audio output device, as well as receive audio input from a microphone or other audio source. The earbuds that came with your iPhone have a microphone built into the controls on the cord.

Lock Button
On the right side of the top edge of the phone is a small rectangular button. If you press it once, you will be presented with a screen that allows you to unlock the phone. If you press this switch a second time, the phone will be locked. On rare occasions, you may need to fully shut-down the phone and reboot it. This is accomplished using this button.

Portrait and landscape mode.
By default, your iPhone displays items on the screen in portrait mode. In this mode, the display is longer from top to bottom, shorter from left to right, and the Home button is
A landscape orientation is often preferred for watching video and a variety of other tasks. In landscape mode, the display is wider from left to right, shorter from top to bottom, and the Home button may be to either the left or right of the display. There is a motion sensor inside the iPhone that tells it which orientation it is in. If you rotate the phone from portrait to landscape and visa versa, VoiceOver will announce the orientation.

As you will discover, the voiceover screen reader is controlled using a set of swiping or flicking gestures. Depending on the number of fingers and the direction of the gesture, voiceover will perform various functions. A change in the display orientation with respect to the physical device may cause some confusion. For this reason and to insure that your phone and display match what I will be describing in subsequent podcasts, I will now give you step-by-step instructions on how to lock rotation so the display is always in portrait mode. Once this settings change has been made, the display will not reorient as the phone is rotated.

Activating Rotation Lock

Perform the following steps to activate Rotation Lock:

1. Press your Home button twice quickly. This will activate the App Switcher.
   [demo]
2. Place three fingers on the left side of your display and swipe them to the right. This will display the second page of the App Switcher.
   [demo]
3. With one finger, flick from the right edge of your display to the left. Repeat this gesture until you hear VoiceOver say "Rotation Lock."
   [demo]
4. By default, Rotation Lock should be unlocked. Tap the display twice with a single finger. This will lock the Rotation Lock.
   [demo]
   This control is a toggle. If you decide you want your phone to be able to detect rotation and change display orientation accordingly, you can repeat the steps in this section to deactivate the Rotation Lock.
5. Left flick with a single finger until you hear the words “Dismiss App Switcher.”
   [demo]
6. Double tap your display with a single finger.
   [demo]
   Alternatively, you can press the Home button.

This concludes your orientation to the iPhone.