Adaptive Auto Layout Questions

1. What is auto layout and why do iOS developers use it?
   1. Auto Layout is a constraint-based layout system. It allows developers to create an adaptive interface that responds appropriately to changes in screen size and device orientation
2. What is a constraint? Are compression resistance and content hugging constraints?
   1. A constraint is a relationship between two user interface objects that must be satisfied by the constraint-based layout system. Content hugging –
   2. Content hugging - sets the priority with which a view resists being made larger than its intrinsic size. Setting a larger value to this priority indicates that we don’t want the view to grow larger than its content.
   3. Compression resistance - sets the priority with which a view resists being made smaller than its intrinsic size. Setting a higher value means that we don’t want the view to shrink smaller than the intrinsic content size.
3. What role does priority play? When do you adjust priority?
   1. Priority sets the order of which constraints should be fulfilled first. You should adjust the priority anytime you have a priority or when a confliction of constraints occurs.
4. When should you use stack views? What advantages do stack views offer?
   1. You should use stack views as much as possible! What advantages do they offer: Everything. The allow an easy way to lay out a series of view horizontally or vertically.
5. How does text autoshrink work and what are its advantages and disadvantages?
   1. Autoshrink - Determines whether the label adjusts the appearance of the text before resorting to truncation. The Minimum Font Size option was deprecated in iOS 6. The newer option of Minimum Font Scale requires entering a value to allow the label to reduce the font size to fit the text.