

## Lecture 1 Challenges Worksheet



Challenge 1: Edit the layout of your app to your own liking.

Hint 1: You will have to modify the properties of components in the component list.

Hint 2: Try adding HorizontalLayout and VerticalLayout components

**Challenge 2:** When the user shakes the phone, clear the input textbox.

Hint 1: You will need a new component that detects acceleration changes.

Hint 2: To clear a text box, set its text property to an empty string.

Challenge 3: Add a slider that, when its value is changed, sets the pitch of the textToSpeech component

Hint 1: You will need a slider component. Use one of its events.

Hint 2: Use the setter of the pitch property in the textToSpeech component. And the getter from the slider.position property.