

Design Part 2



App Authors Week 3

Last time...



TODAY:


CodeDesignData

home

Oscar Picks

What are your predictions?
Cast your vote!

Select a Category: ▼



▶ Run

Toolbox

UI controls

Data

Control

Variables

Canvas

Turtle

Math

Functions

onEvent(id, type, callback)

button(id, text)

textInput(id, text)

textLabel(id, text)

dropdown(id, option1, etc)

getText(id)

setText(id, text)

getNumber(id)

setNumber(id, number)

Workspace:

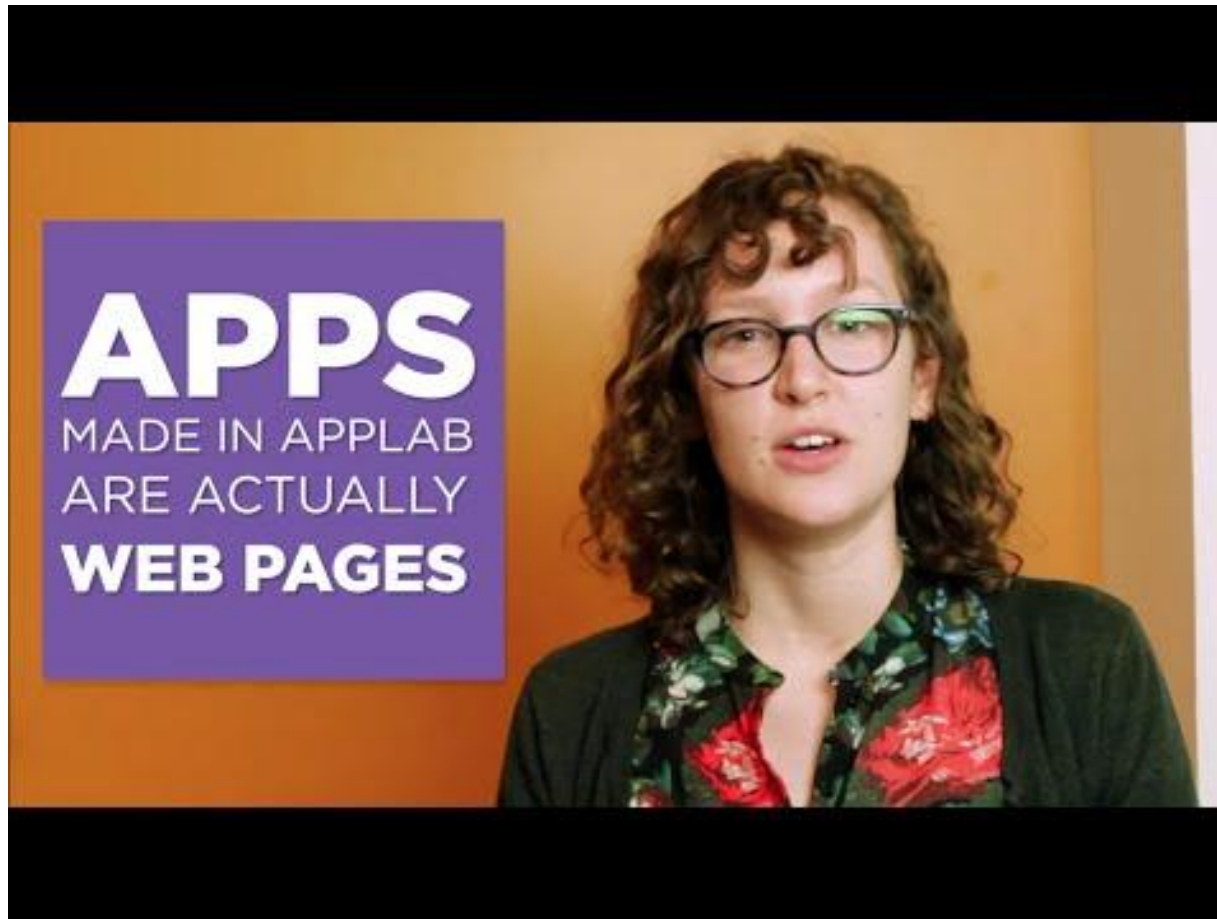
Version HistoryShow Text

```
1 onEvent(▼"dropdown1", ▼"change", function(event) {
2   if (getText(▼"dropdown1") == "Best Animated Feature Fil
3     setScreen(▼"Animated");
4   }
5   if (getText(▼"dropdown1") == "Best Picture") {
6     setScreen(▼"bestpicture");
7   }
8 }
9 onEvent(▼"submit", ▼"click", function(event) {
10  if (getChecked("radiobutton_1")) {
11    setScreen(▼"thankyou");
12  } else if (getChecked("radiobutton_5")) {
13    setScreen(▼"thankyou");
```

Debug Commands

Debug Console

Clear



Introduction to Design Mode in App Lab

App Lab

1. Look at your login card.
2. Open a web browser, go to **studio.code.org/join** and type in our section code.
3. Choose your “code name” and type in the secret words on your login card.
4. Open App Lab. If you can’t find it, try: **code.org/applab**

PRACTICE FIRST

1. Insert 1 screen. Give it a name. Change the color.
2. Insert text. Change the font size and color.
3. Insert one button. Give it a name. Change the text on that button. Change the button color.
4. Insert 1 image that you find online.



Drag the elements into your app!



Button



Text Input



Label



Dropdown



Radio Button



Checkbox



Image



Canvas



Screen



Text Area



Chart



Slider

**Get started on
your app design!**



Next Time:

Code

```
Toolbox
UI controls
Data
Control
Variables
Canvas
Turtle
Math
Functions

Workspace:
Version History
Show Text

1  onEvent(▼"dropdown1", ▼"change", function(event) {
2      if (getText(▼"dropdown1") == "Best Animated Feature Fi
3          setScreen(▼"Animated");
4      }
5      if (getText(▼"dropdown1") == "Best Picture") {
6          setScreen(▼"bestpicture");
7      }
8  });
9  onEvent(▼"submit", ▼"click", function(event) {
10     if (getChecked("radiobutton_1")) {
11         setScreen(▼"thankyou");
12     } else if ( (getChecked("radiobutton_5")) ) {
13         setScreen(▼"thankyou");
14     } else if ( (getChecked("radiobutton_6")) ) {
```