

# Design Part 2



App Authors Day 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)

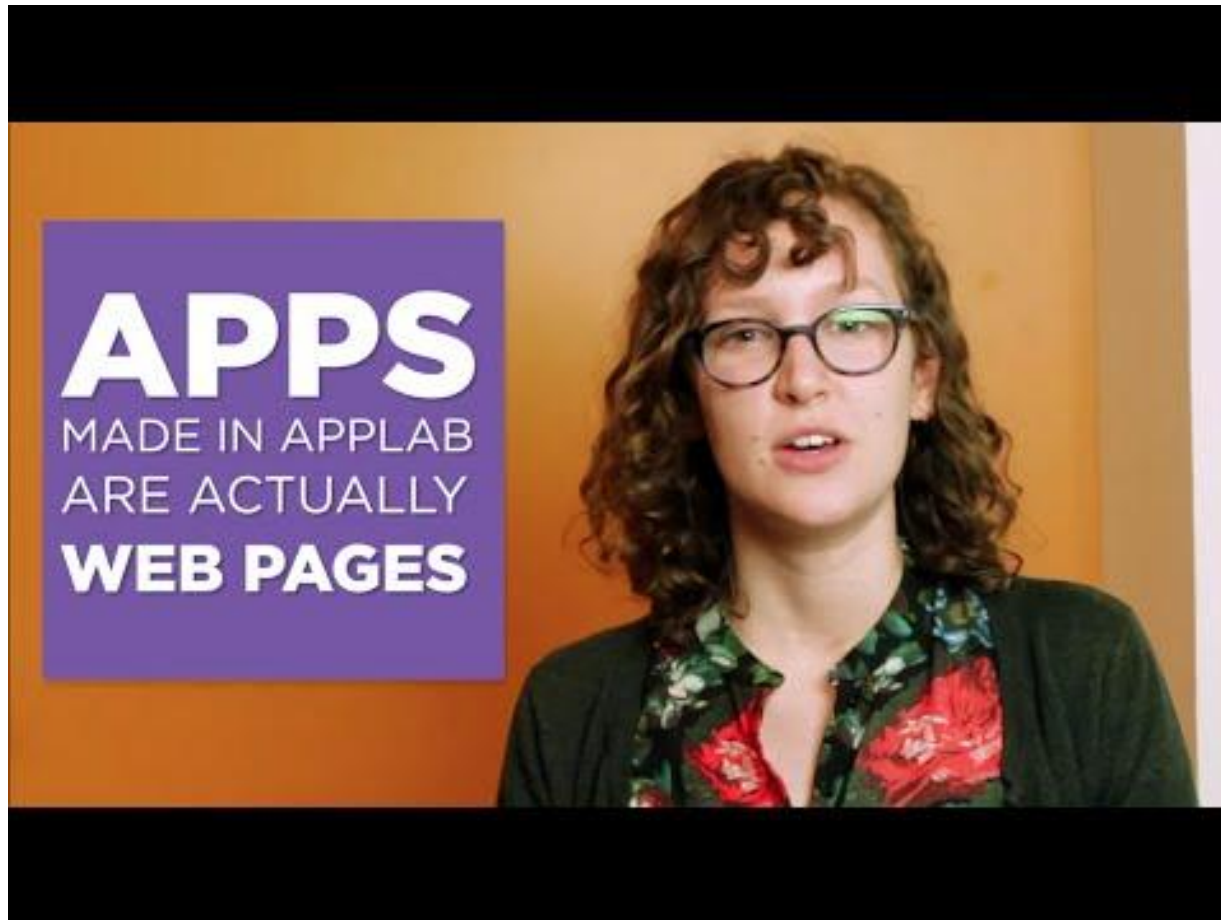
setNumber(id, number)

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 CommandsDebug ConsoleClear



## **Introduction to Design Mode in App Lab**

# App Lab

1. Log onto Chromebook.
2. Look at your yellow card. Open Chrome, go to [studio.code.org/sections/ZDIPWF](https://studio.code.org/sections/ZDIPWF)
3. Type in the secret words on your yellow 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
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Turtle
Math
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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")) ) {
```



**SOCRATIVE.com**

**Student Login**

**Room: APPAUTHORS**

**End of the day reflection**