Coders will...

learn to navigate the Popcode coding environment
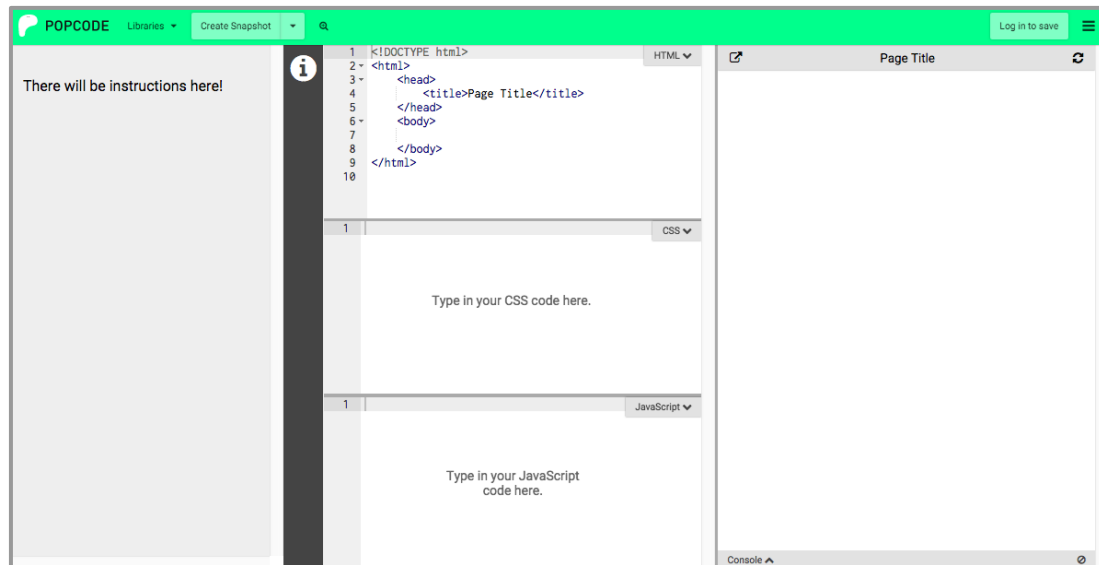
Vocabulary: Popcode, coding environment, render

Popcode

Popcode is a **coding environment**.

It was created by a Code Nation volunteer to help new coders learn how to code.
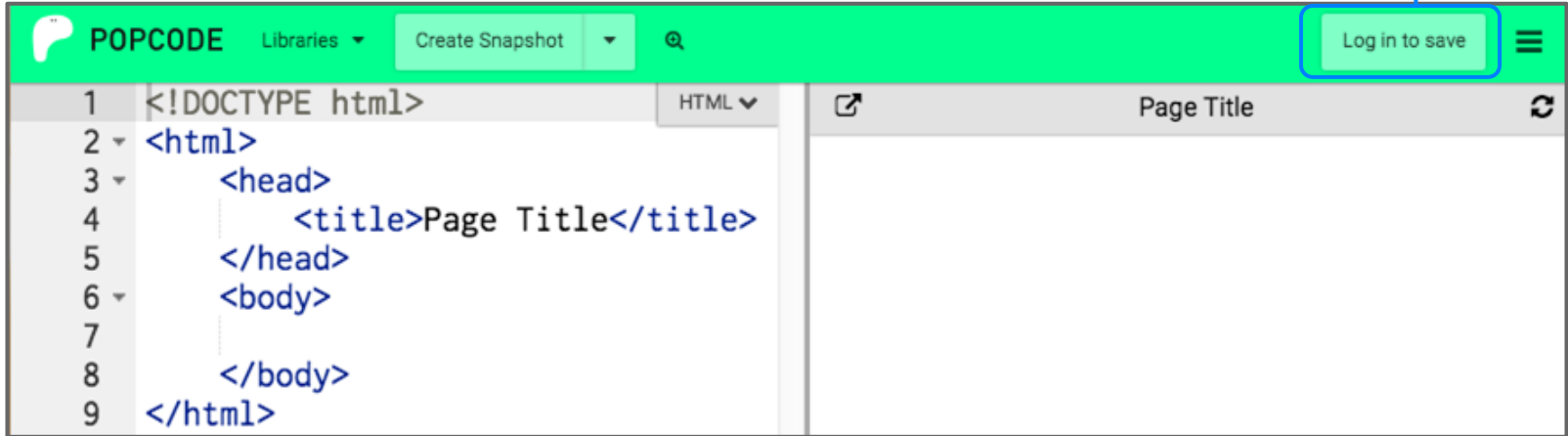
Let's go to Popcode.org and take a look around…!

Please type www.popcode.org into your browser.

Direct Teach

Login to Popcode!
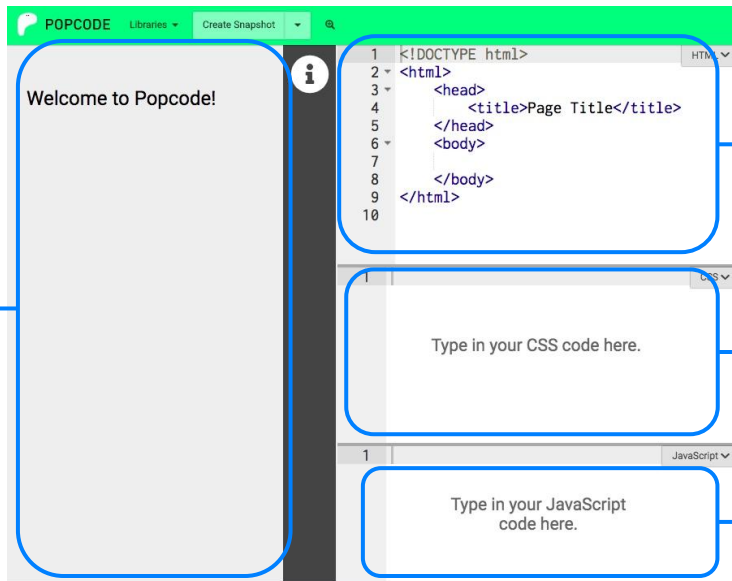
Use your Google account to sign into Popcode.This allows you to save your work in Popcode!


```
1  <!DOCTYPE html>
2  <html>
3     <head>
4        <title>Page Title</title>
5     </head>
6     <body>
7
8     </body>
9  </html>
```

POPCODE   Libraries ▾   Create Snapshot ▾   Q   Log in to save   ☰

HTML ▾   Page Title   ↻

Direct Teach

Boxes

Sometimes Popcode exercises will have instructions. They can be found in the column on the left.

Popcode uses three boxes to input code:
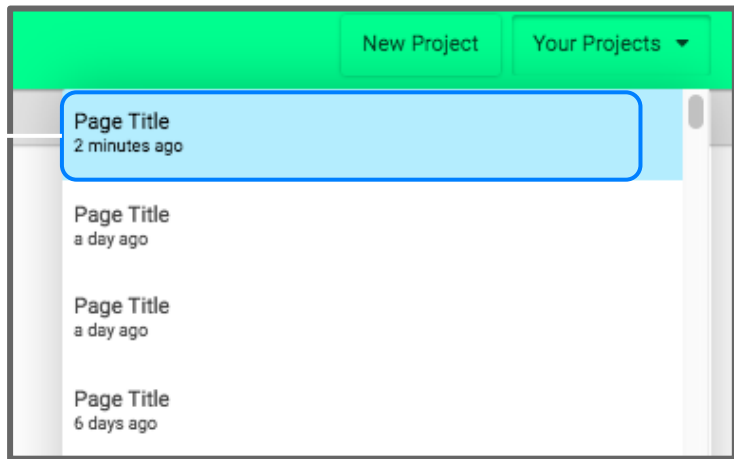
HTML (content)

CSS (style)

jQuery (interactivity)

```
POPCODE   Libraries ▾   Create Snapshot ▾   🔍

Welcome to Popcode!

1  <!DOCTYPE html>                     HTML ▾
2  <html>
3     <head>
4        <title>Page Title</title>
5     </head>
6     <body>
7
8     </body>
9  </html>
10

1                                      CSS ▾

          Type in your CSS code here.

1                                    JavaScript ▾

          Type in your JavaScript
          code here.
```

Titles!

Give your page a **<title>** so you can find your project again in the section!

```
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>Page Title</title>
5      </head>
6      <body>
7
8      </body>
9  </html>
```

… "Page Title" isn't that helpful

New Project   Your Projects ▼

Page Title
2 minutes ago

Page Title
a day ago

Page Title
a day ago

Page Title
6 days ago

Direct Teach

Render Something!

1. Type this into line 7 of the HTML box:
<h1>

2. Type the answer to the question: What did you eat for breakfast?

3. End your line of code by typing:
</h1>

```
POPCODE   Libraries ▾   Create Snapshot  ▾   🔍

1   <!DOCTYPE html>                                    HTML ▾
2   <html>
3       <head>
4           <title>Page Title</title>
5       </head>
6       <body>
7           <h1>I ate bacon and egg breakfast sandwich</h1>
8       </body>
9   </html>
10
```

```
1                                                       CSS ▾



                    Type in your CSS code here.
```

Errors

Popcode gives you some clues when things aren't going well. As you type the the interface changes color. Green means things are great! Yellow means keep typing you're not done yet. Red means something is wrong.

The preview box on the right will give you a message to help fix things.

Preview Your Work

Click this button to open your site in a web browser like Safari or Chrome.

On the right of the Popcode interface is your preview window. Popcode renders or creates an image in real time so you can see what you're creating as you type in your code!

Direct Teach

What did you **learn** today?

Answer the following on the back of a notecard.

1. What is the name of the coding environment we will be using this year as we learn to code?
2. List **2 differences** between early computers and the ones we use today.