

Name \_\_\_\_\_ Period \_\_\_\_\_

**Skill 18.01 Exercise 1**

Refer to the code below.

```
print("Coding is awesome!")
```

What is the name of the procedure? What is the argument?

**Skill 18.02 Exercise 1**

Damien is writing a program to teach Elvish languages:

```
DISPLAY ("Mae govannen!")
```

```
DISPLAY ("=")
```

```
DISPLAY ("Well met!")
```

Fill in the blanks below to complete the paragraph about how the program works.

This is a computer program with \_\_\_\_\_ statements. Each statement calls a \_\_\_\_\_ named

DISPLAY which expects a single \_\_\_\_\_ to determine what to display on the screen.

**Skill 18.02 Exercise 2**

What is a benefit to using pseudocode?

- A. Pseudocode runs much faster than other programming languages.
- B. Pseudocode is understood by all computers everywhere.
- C. Pseudocode can represent coding concepts common to all programming languages.
- D. Pseudocode can run in the web browser.

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**Skill 18.03 Exercise 1**

Write code that could be used to reference the *App.js* file from the *Index.html* page

File Structure	Code									
<table><tr><td><b>MyWebsite</b></td></tr><tr><td>Index.html App.js</td></tr></table>	<b>MyWebsite</b>	Index.html App.js								
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### Skill 18.04 Exercise 1

Consider the code for an Index.html page and an App.js file shown below.

Index.html	App.js
<pre>&lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt; &lt;title&gt;Hyperlinks&lt;/title&gt; &lt;script src = "Scripts/App.js"&gt;&lt;/script&gt; &lt;/head&gt; &lt;body&gt;     &lt;div id="nav"&gt;&lt;/div&gt; &lt;/body&gt; &lt;/html&gt;</pre>	<pre>console.log(document.getElementById("nav"));</pre>

Explain why "null" is printed to the console instead of <div id="nav"></div>

Indicate what you could do to fix the error. Write your code below.

### Skill 18.05 Exercise 1

Write code to log the following to the console,

- (a) Your name
- (b) Your age
- (c) The mass of 0.5 moles of sodium is  $6.022 \times 10^{23} / 12.044 \times 10^{23} \times 23$
- (d) The mathematical result of (c)

AP Computer Science Principles  
Ticket Out the Door  
Set 18: Writing Programs in JavaScript

Name \_\_\_\_\_ Period \_\_\_\_\_

**Skill 18.06 Exercise 1**

- (a) Indicate how you could use in line comments (single line comments) to display your name, date, and period on an assignment in an App.js file
- (b) Indicate how you could use block comments (multiline comments) to describe what you have learned today.