AP Computer Science Principles
Ticket Out the Door
Set 21: Creating DOM Elements

Name _____ Period _____

Skill 21.01 Exercise 1
Write code to,
(a) Create a variable called "anotherParagraph" and assign a new paragraph element to this variable
(b) Add text to the paragraph
(c) Assign the id "p2" to the paragraph.
(d) Append the paragraph to the body of the HTML page
Code

Skill 21.02 Exercise 1
What is the difference between the hidden property and remove()
Refer to the HTML document below. Write JavaScript to,
(a) remove the element id = "about"
(b) hide the element id = "sport"
(c) hide the entire contents of the page
Index.html
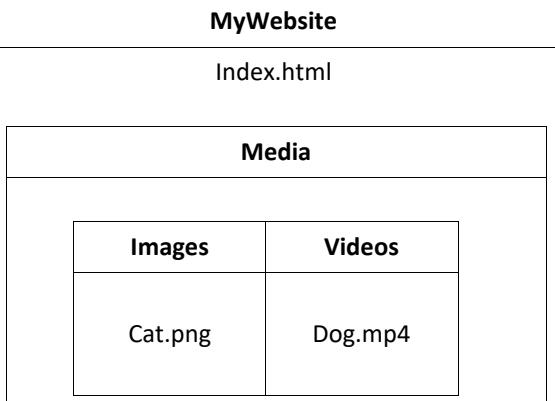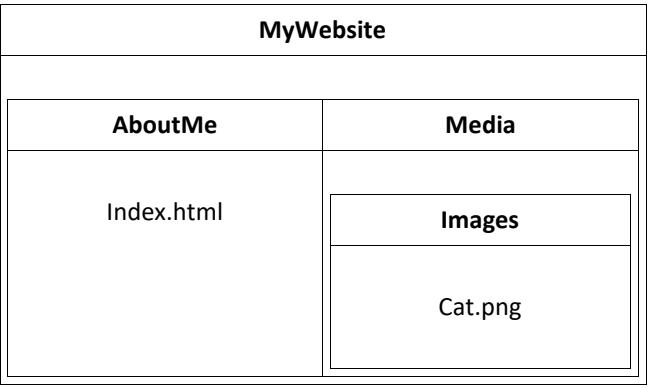
```
<!DOCTYPE html>
<html>
  <head>
       <script src = "App.js" defer></script>
       <title>About Me</title>
  </head>
  <body>
    <h1 id = "about"> About Me </h1>
    <h2 id = "sport"> Soccer </h2>
    <h4 id = "time"> 5 years </h4>
    <h2 id = "hobbie">Baking</h2>
    <h4 id = "time"> 10 years </h4>
    <h2 id = "pet">Cat</h2>
    <h4 id = "time"> 6 years </h4>
  </body>
</html>
```

App.js
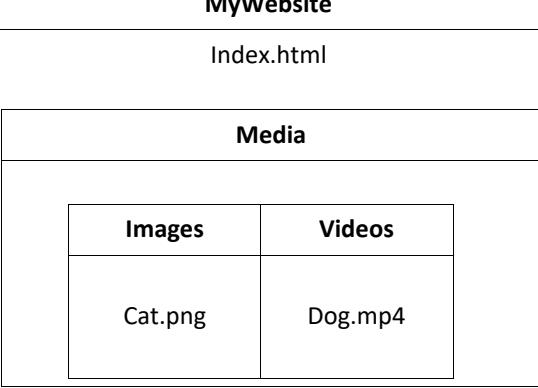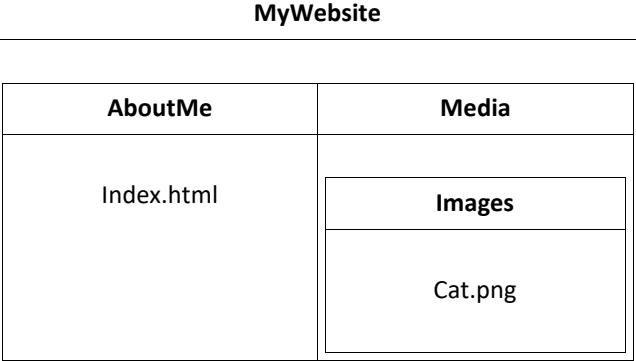
Skill 21.03 Exercise 1
Write code that could be used to reference the Cat.png image from the Index.html page

File Structure	Code
MyWebsite Index.html Cat.png	
MyWebsite Index.html **Media** **Images** / **Videos** Cat.png / Dog.mp4	
MyWebsite **AboutMe** / **Media** Index.html / **Images** Cat.png	

Skill 21.04 Exercise 1

Write JavaScript that could be used to display the cat image on the Index.html page. Be sure to also include the *alt* attribute to indicate the alternative text.

File Structure	Code
MyWebsite Index.html Cat.png	
MyWebsite Index.html **Media** **Images** / **Videos** Cat.png / Dog.mp4	
MyWebsite **AboutMe** / **Media** Index.html / **Images** Cat.png	

**Skill 21.05 Exercise 1**

Write code to create the output of the dinosaurs shown below.

To create the output, do the following,
- (a) Create three variables, dino1, dino2, and dino3 and assign an image element to each variable
- (b) Assign the src value such that dino1 points to brachiosaurus.png, dino2 points to brontosaurus.jpg, and dino3 points to trex.png
- (c) Set the width attribute for each dino image to 200px
- (d) Append each dino image to the body of the html page

Directory

App.js

Test your code!

Clone the repository posted in Google Classroom with this assignment
Type the code you wrote above in the app.js file
Test your code and see if the images display. If they do not, fix your code.
Take a screenshot of your browser and paste it below.