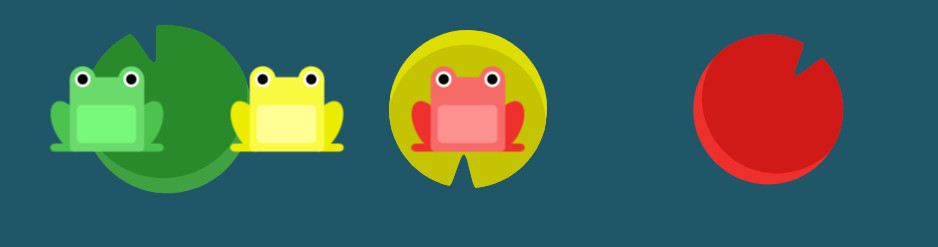
**JSB 26: Midterm test**

**Duration: 2 hours**

1. **Multiple choices**
2. What does CSS stand for?
   1. Creative Style Sheets
   2. Computer Style Sheets
   3. Colorful Style Sheets
   4. Cascading Style Sheets
3. How do you insert a comment in a CSS file?
   1. // this is a comment
   2. ‘ This is a comment
   3. /\* this is a comment \*/
   4. //this is a comment
4. How do you add a background color for all <h1> elements?
   1. all.h1 {background-color: white;}
   2. h1 {background-color: white;}
   3. h1.all {background-color: white;}
5. What is the correct CSS syntax for making all the <p> elements bold
   1. p {text-size: bold;}
   2. <p style=’text-size: bold;’>
   3. p {font-weight: bold;}
   4. <p style =’font-size: bold;”>
6. When using the padding property; are you allowed to use negative values?
   1. yes
   2. no
   3. maybe
7. How do you select elements with the class name 'test'?
   1. test
   2. .test
   3. #test
   4. \*test
8. What is the correct HTML for adding a background color?
   1. <background>yellow</background>
   2. <body style=’background-color: yellow;’>
   3. <body bg=’yellow’>
9. What is the correct HTML for creating a hyperlink?
   1. <a href=’[**https://www.google.com/**](https://www.google.com/)’>Click here to see Google</a>
   2. <a>[**https://www.google.com/**](https://www.google.com/)</a>
   3. <a url=’[**https://www.google.com/**](https://www.google.com/)’>Click here to see Google<a>
   4. <a name=’[**https://www.google.com/**](https://www.google.com/)’>Click here too see Google</a>
10. Which character is used to indicate an end tag?
    1. ^
    2. <
    3. /
    4. \*
11. Inline elements are normally displayed without starting a new line.
    1. True
    2. False
12. How can you make a numbered list?
    1. <dl>
    2. <ol>
    3. <list>
13. What is the correct HTML for making a checkbox?
    1. <input type = ‘checkbox’
    2. <checkbox>
    3. <input type=’check’?
    4. <check>
14. What is the correct HTML for inserting an image?
    1. <image src =’image.gif’ alt = ‘My image’>
    2. <img alt = “My Image”>image.gif</img>
    3. <img src = ‘image.gif’ alt = “MyImage”>
    4. <img href = “image.gif” alt = “MyImage”
15. HTML comments start with <!-- and end with →
    1. True
    2. False
16. Which HTML attribute specifies an alternate text for an image if the image cannot be displayed?
    1. src
    2. longdesc
    3. title
    4. alt
17. Inside which HTML element do we put the JavaScript?
    1. <js>
    2. <scripting> (script thôi chứ anh nhỉ?)
    3. <title>
    4. <javascript>
18. Where is the correct place to insert JavaScript into an HTML file?
    1. The <head> section
    2. Both the <head> section and <body> section
    3. The <body> section
19. What is the correct syntax for referring to an external script called "xxx.js"?
    1. <script name="xxx.js">
    2. <script src="xxx.js">
    3. <script href="xxx.js">
20. How do you write "Hello World" in an alert box?
    1. alert("Hello World");
    2. msgBox("Hello World");
    3. msg("Hello World");
    4. alertBox("Hello World");
21. How do you create a function in JavaScript?
    1. function:myFunction()
    2. function = myFunction()
    3. function myFunction()
22. How can you call a function named "myFunction"?
    1. call myFunction()
    2. call function myFunction()
    3. myFunction()
23. How to write an IF statement in JavaScript?
    1. if i = 5
    2. if (i == 5)
    3. if i = 5 then
    4. if i == 5 then
24. How does a FOR loop start?
    1. for (i <= 5; i++)
    2. for (i = 0; i <= 5; i++)
    3. for i = 1 to 5
    4. for (i = 0; i <= 5)
25. How do you declare a JavaScript variable?
    1. variable carName;
    2. v carName;
    3. var carName;
26. How many ways to declare variables?
    1. 1
    2. 2
    3. 3

**II. Flex box: Using flexbox to guild the frog to lilypad below**

* 1. ****

**style.css:**

**/\*The parents div have a class: parents\*/**

**.parents{**

**display: flex;**

**justify-content: space-between;**

**}**

* 1. ****

**style.css:**

**/\*The parents div have a class: parents\*/**

**.parents{**

**display: flex;**

**flex-direction: row-reverse;**

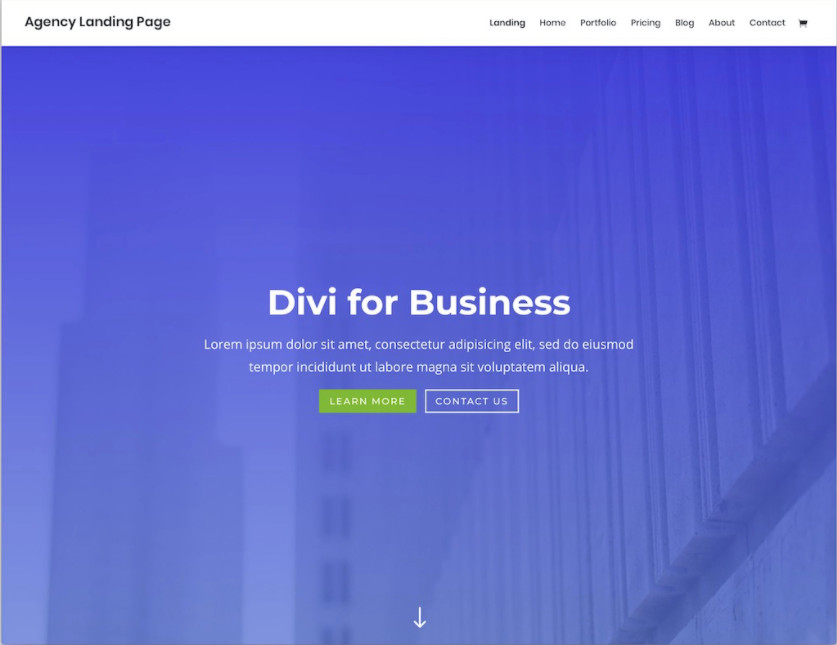
**justify-content: flex-end;**

**}**

**III. Clone the picture below by HTML + CSS (Bonus points for any creative ideas)**

⇒ You can check color here https://imagecolorpicker.com/

**The code of this exercise is placed in the “excercise3” folder.**

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**IV. Answer these question below**

1. What is the difference between var, let, and const?

Answer: We use var and let to declare changeable variables. We use const to declare unchangeable variables(constant). var has hoisting, which let us use the variable before it’s declared but let doesn’t.

1. How many ways to print the result to the screen?

Answer: There are two ways: using “console.log()” and “alert()”

1. How many extensions have we used up to now? What are they?

Answer: We have used 3 extensions: live server, auto close tag, auto rename tag. And a lot more that I cannot name=)

**V. Javascript**

1. There will be a pizza party next week, declare and take the number of Pizza and People. Calculate the average pizza pieces for each person at the party, each Pizza can be understand as 8 pieces
2. Ask the user for the temperature today, console.log the result as below
   1. -12 < temperature & temperature > 40 → Can’t live
   2. -12 =< temperature < 0 → Extra cold
   3. 0 =< temperature < 15 → Cold
   4. 15 =< temperature < 25 → Cool
   5. 25 =< temperature < 40 → Hot
3. Use the loop “for” to ask the user their name 10 times
4. Write a function named sumCalculator, taking 2 parameters from the user and console.log the total, Example:
   1. sumCalculator(1,2) → 3
   2. sumCalculator(5,3) → 8
   3. sumCalculator(7,10) → 17
5. Write an object named student having information below:
   1. Name: David,
   2. Job: Coder
   3. Address: America
   4. Age: 40
6. Declare an array with 3 values below [“Jeans”, “T-shirt”, “Short”]
7. From the array of part 5, write the CRUD system for a shop having these function below
   1. C: Create
   2. R: Read
   3. U: Update
   4. D: Delete