Find the Error

Identify the error in the following CSS code:

css

CopyEdit

```css
h1 {
    color: blue;
    font-size: 20px
    background-color: yellow;
}
```

1. **Hint:** Look for missing syntax elements.

Fill in the Blanks

Complete the missing CSS property in the box model concept:

css

CopyEdit

```css
Margin → _____ → Padding → Content
```

2.

Rearrange the Styles

The following CSS rules are mixed up. Rearrange them to correctly apply styles to a paragraph (`<p>`) element:

css

CopyEdit

```css
p {
    padding: 10px;
    font-size: 16px;
    color: green;
    margin: 15px;
    border: solid 2px black;
}
```

3.
4. **Which Property?**
   You want to make a `<div>` element appear on top of all other elements. Which CSS property will you use?
   a) `z-index`
   b) `float`
   c) `position`
   d) `display`

5. **CSS3 Feature Match**
   Match the CSS3 property to its function:
   - `border-radius` → ?
   - `box-shadow` → ?
   - `opacity` → ?
   - `transform` → ?

JavaScript Puzzles

Find the Output

What will be the output of the following JavaScript code?

js
CopyEdit

```js
var x = 5 + "5";
console.log(x);
```

6.

Debug the Code

There is an error in this JavaScript function. Fix it.

js
CopyEdit

```js
function add(a, b) {
    return a + b
}
console.log(add(3, 4));
```

7.

Guess the Data Type

What will be the data type of `x` after execution?

js
CopyEdit

```js
var x = typeof(10 + "10");
```

8.

What Will Happen?

Predict the behavior of this code:

js
CopyEdit

```js
let myArray = [1, 2, 3];
```

```
myArray.push(4);
console.log(myArray.length);
```

9.

10. **Write a Simple JavaScript Function**

Write a JavaScript function named `greet` that takes a `name` as input and returns `"Hello, [name]!"`.