

Js: core concepts exercise

- Use the spread operator to merge these two objects into one object called `employee` and display it.

```
const person = { name: "John", age: 30 };

const job = { position: "Developer", company: "XYZ" };
```

- Use the spread operator to combine them into a new array and log the result.

```
const firstArray = [1, 2, 3];
const secondArray = [4, 5, 6];
```

- What will be the output of the following code and why?

```
1-console.log(a);
var a = 5;
```

```
2-console.log(foo());
function foo() {
  return "Hello, world!";
}
```

```
3-console.log(bar);
let bar = 10;
```

- Create two separate files:
shapes.js: Contains two functions, `calculateArea` (default export) and `calculatePerimeter` (named export).

main.js: Imports both `calculateArea` (default) and `calculatePerimeter` (named) and uses them to calculate the area and perimeter of a rectangle with width and height.

