<u>JavaScript ES6 – Day.7 Assignments</u>

1- Write a function that greets a user, using a default parameter for the name.

2- Write a function that calculates the total price with a default tax rate parameter.

3- Write a function that creates a user object, using a default role parameter.

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4- Write a function that multiplies any number of arguments using the rest operator.

5- Write a function that multiplies the first argument by the sum of all the rest using the rest operator.

6- Write a function that takes a variable number of strings and returns them as a single array using the rest operator.

7- Create a new array by combining two arrays using the spread operator.

8- Copy an array using the spread operator.

9- Merge two objects into one using the spread operator.

10- Update a property in an object using the spread operator to create a new object.

11- Destructure an array to get the first and second elements into variables.

```
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Js scriptjs x

1 let fruits = ["Apple", "Banana", "Orange", "Kewi"]

2
3 let [fruitA, fruitB] = fruits;

4
5 console.log(fruitA);
6 console.log(fruitB);

Console.log(fruitB
```

12- Destructure an array to get the first element and the rest into another array.

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13- Destructure an object to extract two properties into variables.

```
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JS script.js > ...
                                                            رجمة Google 🔼 YouTube 附 Gmail 🔼 Keep 📣 Drive 🔄 Google رجمة
  1 let obj = {
      name: "Abdelrahman",
      age: 25,
                                                            4 country: "Egypt",
                                                             Abdelrahman
                                                                                             script.js:9
                                                                                            script.js:10
  7 let { name, age } = obj;
  9 console.log(name);
 10 console.log(age);
  11
```

14- Destructure an object and rename the extracted properties.

```
| index.html | Js scriptjs \ |
```

15- Write a function that takes an object as a parameter and uses destructuring in the parameter list to extract specific properties.

