Question - 1
JavaScript: Objects

SCORE: **5 points**

`JavaScript` `Easy` `Error Handling`

Three of the following snippets will create a new JavaScript object with the name "Alex" and age 25. Which one uses incorrect syntax?

○
```
let person = new Object({name: "Alex", age:25});
```

○
```
let person = {name: "Alex", age: 25};
```

○
```
let person = {}
person.name = "Alex";
person.age = 25;
```

◉
```
let person;
person['name'] = "Alex";
person['age'] = 25;
```

Question - 2
Name

SCORE: **5 points**

`React` `React Component` `Easy`

Assuming this component is imported and used on a page, what is its output?

```
import React, { Component } from 'react';
class App extends Component {
  constructor(){
   super();
   this.state={name:"peter"}
  }
  render(){
    return (
      <div>
        {this.state.name}
```

```
        </div>
      )
    }
  }
} export default App
```

○ This code will not compile.

○ Error

○ Peter

● peter

Question - 3
git status

Git   Medium

Based on the output of the 'git status' command that is shown, which of the following statements is true?

```
git status
On branch newbranch
Changes to be committed:
   (use "git reset HEAD <file>..." to unstage)

        modified:  README.md

Changes not staged for commit:
   (use "git add <file>..." to update what will be committed)
   (use "git checkout -- <file>..." to discard changes in working directory)

        modified:  README.md
```

○ There are 2 files with the name README.md.

○ `git reset --soft HEAD~` was executed and the last commit added the REAMDE.md file.

○ `git reset --mixed HEAD~` was executed and the last commit added the REAMDE.md file.

○ `git reset --hard HEAD~` was executed and the last commit added the REAMDE.md file.

● `git add README.md` was executed and then another change was made to the README.md file.

Question - 4
Responsive Fonts

CSS3   Responsive Web Development   CSS Functions   Easy   CSS3 Selectors

The h1 font-size should be set to 50% of the viewport width and a minimum font size of 20px. How is this achieved?

●

```
h1 {
        font-size: max(20px, 50vw);
}
```

○
```
h1 {
        font-size: min(20px, 50vw);
}
```

○
```
h1 {
        font-size: calc(20vmin + 50%);
}
```

○
```
h1 {
        font-size: calc(20vmax + 50%);
}
```

Question - 5
JavaScript: Car Details Display

Easy   Javascript   apply

There is a class *MyCar,* with a function *displayDetails()* already implemented. Implement another function, *display(),* that takes in car details and calls *displayDetails()* to display all the given details of the car. Details of a car include its *brand, registrationNumber, ownerName,* and *color.*

Note: Just call *displayDetails()* exactly once, and the provided code will handle the output.

For example, details of a car are *brand = "Jaguar", registrationNumber = "xyz999", ownerName = "Jason", color = "Yellow".* Call the *displayDetails()* function using proper methods. The final output is "*Jason, your car Yellow Jaguar has registration number xyz999".*

Function Description
Complete the function *display()* in the editor below. *display()* has the following parameter(s):

- *car:* an object interface having the strings *brand* and *registrationNumber*
- *ownerName:* a string indicating the car's owner name.
- *color:* a string indicating the car's color

Constraints

- $1 < | brand | < 1001$
- $1 < | registrationNumber | < 1001$
- $1 < | ownerName | < 1001$
- $1 < | color | < 1001$

Note: *| str |* is the length of string *str.*

▼ **Input Format For Custom Testing**

The first line of the test case contains a string, *brand.*
The second line contains a string, *registrationNumber.*
The third line contains a string, *ownerName.*

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The last line contains a string, *color*.

Sample Input For Custom Testing

```
Audi
abc123
John
Blue
```

Sample Output

```
John, your car Blue Audi has registration number abc123
```

Explanation

The function *displayDetails()* is called exactly once with all necessary arguments.

Sample Input For Custom Testing

```
BMW
zzzxyyy
Jim
Red
```

Sample Output

```
Jim, your car Red BMW has registration number zzzxyyy
```

Explanation

The function *displayDetails()* is called exactly once with all necessary arguments.