

FRONT END – PART 2

BUILDING A TODO LIST USING API'S

(Single Page Applications)

1. Which of the following statements is/are true about SPAs?

1. single-page application is an app that works inside a browser and does not require page reloading
2. SPA is fast, as most resources (HTML+CSS+Scripts) are only loaded once throughout the lifespan of application.
3. A Single-Page Application is very good and easy for proper SEO management.
4. Gmail, Github, Facebook are some examples of SPA.

- a) 1,2,3 b) 1,2,3,4 c) 1,2,4 d) 1,2

(Keyboard Events)

2. A _____ event is fired when a key is released.

- a) onclick b) keypress c) keydown d) keyup

(Event Delegation)

3. Which of the following statements is/are true about event delegation in javascript?

1. Event Delegation is basically a pattern to handle events efficiently.
2. Event Delegation means adding an event listener to each and every similar element.
3. It simplifies initialization, saves memory and improves performance.
4. By using event delegation, we can add an event listener to a parent element and call an event on a particular target using the . target property of the event object.

- a) 1,2 b) 1,2,3 c) 1,3,4 d) 3,4

ASSIGNMENT

(Using APIs)

4. Through APIs following can be done -

- | | |
|--|---|
| a) Requesting Data from the Database | b) Getting a response back from Application |
| c) Changing the functions of the Application | d) None |

(slice method)

5. What will be the output of the following code?

```
var students = ["Simran", "Sakshi", "Komal", "Ishita", "Manya"];  
var selected = students.slice(-4, -2);
```

- a) ["Komal", "Ishita"]
- b) ["Sakshi", "Komal"]
- c) ["Ishita", "Manya"]
- d) ["Simran", "Manya"]

(Filter method)

6. What will be the output of the following code?

```
let numbers = [-23, 12, -17, 19, -20, 0, 1, -12, -5, 5, 20];  
let even = numbers.filter(value => value%2==0);  
console.log(even);
```

- a) [-23, -17, -20, -12, -5]
- b) [12, 19, 0, 1, 5, 20]
- c) [12, -20, 0, -12, 20]
- d) [-23, -17, 19, 1, -5, 5]

(Guess the Output)

7. Which of the following is the correct output shown on the browser when the page is reloaded?

```
var greet = document.createElement("p");  
greet.innerHTML = `Hello ${name}`;  
var name = "Ninja";  
document.body.append(greet);  
document.body.append(`Nice to meet you, ${name}!`);
```

- a) Hello Ninja
- b) Hello undefined
- c) Hello Ninja Nice to meet you, Ninja
- d) Hello undefined Nice to meet you, Ninja

(Triggered Element)

8. The _____ property returns the element triggered by the event.

- a) target
- b) triggered
- c) handler
- d) reference
