

WEEK 1 – LIVE QUIZ ANSWERS

1. What does the following JavaScript code return? `console.log(typeof 'abc');`

- A. 'object'
- B. 'string'****
- C. 'char'
- D. 'text'

2. Which JavaScript type is used to represent the absence of a value?

- A. 'undefined'
- B. 'null'
- C. Both A and B ****
- D. 'void'

3. What is the output of `console.log(typeof null);` in JavaScript?

- A. 'null'
- B. 'undefined'
- C. 'object' ****
- D. 'noType'

4. What will be the result of `console.log(typeof new String('abc'));`

- A. 'string'
- B. 'object' ****
- C. 'String'
- D. 'textObject'

5. Which of the following is not a primitive data type in JavaScript?

- A. 'string'
- B. 'number'
- C. 'bigint'
- D. 'array' ****

6. What does the typeof operator return when used with a variable that has not been assigned a value?

- A. 'Undefined' ****
- B. 'NaN'
- C. 'null'
- D. 'object'

7. How do you write multi line comment in JavaScript?

- A. <!--This is a comment-->
- B. // This is a comment
- C. # This is a comment
- D. /* This is a comment */ ****

8. What will the following code print to the console? console.log(1 === '1');

- A. 'true'
- B. 'false' ****
- C. 'undefined'
- D. 'error'

9. Which operator is used to check both the value and the type?

- A. '=='
- B. '='
- C. '===' ****
- D. '!=='

10. What is the value of x after the following code is executed?

```
let x = 10;  
console.log(x++);
```

- A. 9
- B. 10 ****
- C. 11
- D. 12

11. Which of these values is considered falsy in JavaScript?

- A. 0 ****
- B. 'O'
- C. {}
- D. []

**12. What does the following code snippet do? `const arr1 = ['chrome', 'firefox', 'safari'];
const arr2 = [...arr1, "opera", "edge"];`**

- A. Creates a new array arr2 that includes all elements of arr1 plus "opera" and "edge" ****
- B. Throws an error because spread syntax is not allowed in array initialization
- C. Copies the reference of arr1 to arr2
- D. Concatenates the strings in arr1 with "opera" and "edge"

13. Which method would you use to transform an array of strings into an array of string lengths?

- A. Array.find
- B. Array.filter
- C. Array.map ****
- D. Array.forEach

Answer - ***