1. **What will be the output of the following code?**

```javascript
console.log(typeof null);
```

a) "object"

b) "null"

c) "undefined"

d) "boolean"

Answer: a) "object"

2. **What will be the output of the following code?**

```javascript
console.log(2 + "2");
```

a) 22

b) 4

c) "22"

d) NaN

Answer: c) "22"

3. **What will be the output of the following code?**

```javascript
console.log([] + []);
```

a) "undefined"

b) 0

c) ""

d) NaN

Answer: c) ""

4. **What will be the output of the following code?**

```javascript
console.log("5" - 1);
```

a) "51"

b) 4

c) "4"

d) NaN

Answer: b) 4

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

```javascript
```

```javascript
console.log(true + false);
```

a) 0

b) 1

c) "truefalse"

d) NaN

Answer: b) 1

6. **What will be the output of the following code?**
```javascript
console.log(1 / 0);
```

a) Infinity

b) 0

c) NaN

d) Error

Answer: a) Infinity

7. **What will be the output of the following code?**
```javascript
console.log("foo" + + "bar");
```

```
```

a) "fooNaN"

b) "foobar"

c) NaN

d) "fooundefined"

Answer: a) "fooNaN"

8. **What will be the output of the following code?**

```javascript
console.log([] == ![]);
```

a) true

b) false

c) "true"

d) "false"

Answer: a) true

9. **What will be the output of the following code?**

```javascript
console.log("2" * "3");
```

a) "6"

b) 6

c) "23"

d) NaN

Answer: b) 6

10. **What will be the output of the following code?**

```javascript
console.log("2" + 3 - 1);
```

a) "23"

b) 4

c) 22

d) "231"

Answer: b) 22

11. **What will be the output of the following code?**

```javascript
console.log(0.1 + 0.2);
```

```
```

a) 0.3

b) 0.30000000000000004

c) 0.2

d) 0.3000000000000001

Answer: b) 0.30000000000000004

12. **What will be the output of the following code?**

```javascript
console.log(1 == "1");
```

a) true

b) false

c) Error

d) NaN

Answer: a) true

13. **What will be the output of the following code?**

```javascript
```

```javascript
console.log(1 === "1");
```

a) true

b) false

c) Error

d) NaN

Answer: b) false

14. **What will be the output of the following code?**

```javascript
console.log([1, 2, 3] == [1, 2, 3]);
```

a) true

b) false

c) "true"

d) "false"

Answer: b) false

15. **What will be the output of the following code?**

```javascript
console.log({} === {});
```

a) true

b) false

c) "true"

d) "false"

Answer: b) false

16. **What will be the output of the following code?**

```javascript
console.log("hello".length);
```

a) 5

b) 4

c) "5"

d) "hello"

Answer: a) 5

17. **What will be the output of the following code?**

```javascript
console.log(Math.max(10, 20, 30));
```

a) 10

b) 20

c) 30

d) NaN

Answer: c) 30

18. **What will be the output of the following code?**

```javascript
console.log(Math.min(10, 20, 30));
```

a) 10

b) 20

c) 30

d) NaN

Answer: a) 10

19. **What will be the output of the following code?**

```javascript
console.log(typeof undefined);
```

a) "undefined"

b) "null"

c) "object"

d) "boolean"

Answer: a) "undefined"

20. **What will be the output of the following code?**

```javascript
console.log(typeof function() {});
```

a) "object"

b) "function"

c) "undefined"

d) "boolean"

Answer: b) "function"

21. **What will be the output of the following code?**

```javascript
console.log(typeof NaN);
```

a) "number"

b) "undefined"

c) "object"

d) "NaN"

Answer: a) "number"

22. **What will be the output of the following code?**

```javascript
console.log(typeof []);
```

a) "object"

b) "array"

c) "undefined"

d) "number"

Answer: a) "object"

23. **What will be the output of the following code?**

```javascript
console.log(2 ** 3);
```

a) 6

b) 8

c) 9

d) 4

Answer: b) 8

24. **What will be the output of the following code?**

```javascript
console.log(10 % 3);
```

a) 1

b) 0

c) 2

d) 3

Answer: a) 1

25. **What will be the output of the following code?**

```javascript
console.log(parseInt("10", 2));
```

a) 2

b) 10

c) 8

d) NaN

Answer: d) NaN

26. **What will be the output of the following code?**

```javascript
console.log(parseInt("10.5"));
```

a) 10

b) 10.5

c) 0.5

d) NaN

Answer: a) 10

27. **What will be the output of the following code?**

```javascript
console.log(Math.floor(2.5));
```

a) 2

b) 3

c) 2.5

d) 0

Answer: a) 2

28. **What will be the output of the following code?**

```javascript
console.log(Math.ceil(2.5));
```

a) 2

b) 3

c) 2.5

d) 0

Answer: b) 3

29. **What will be the output of the following code?**

```javascript
console.log(Math.round(2.5));
```

a) 2

b) 3

c) 2.5

d) 0

Answer: b) 3

30. **What will be the output of the following code?**

```javascript
console.log(Math.sqrt(4));
```

```
```

a) 2

b) 4

c) 16

d) NaN

Answer: a) 2

31. **What will be the output of the following code?**

```javascript
console.log(isNaN("hello"));
```

a) true

b) false

c) "true"

d) "false"

Answer: a) true

32. **What will be the output of the following code?**

```javascript
```

```javascript
console.log(isFinite(10));
```

a) true

b) false

c) "true"

d) "false"

Answer: a) true

33. **What will be the output of the following code?**

```javascript
console.log(Boolean(0));
```

a) true

b) false

c) "true"

d) "false"

Answer: b) false

34. **What will be the output of the following code?**

```javascript
console.log(Boolean(""));
```

a) true

b) false

c) "true"

d) "false"

Answer: b) false

35. **What will be the output of the following code?**

```javascript
console.log(Boolean("hello"));
```

a) true

b) false

c) "true"

d) "false"

Answer: a) true

36. **What will be the output of the following code?**

```javascript
console.log([1, 2, 3].length);
```

a) 3

b) 2

c) 1

d) 4

Answer: a) 3

37. **What will be the output of the following code?**

```javascript
console.log([1, 2, 3].indexOf(2));
```

a) 1

b) 2

c) 3

d) -1

Answer: a) 1

38. **What will be the output of the following code?**

```javascript
console.log([1, 2, 3].includes(2));
```

a) true

b) false

c) "true"

d) "false"

Answer: a) true

39. **What will be the output of the following code?**

```javascript
console.log([1, 2, 3].push(4));
```

a) 3

b) 4

c) [1, 2, 3, 4]

d) [4, 3, 2, 1]

Answer: b) 4

40. **What will be the output of the following code?**

```javascript
console.log([1, 2, 3].pop());
```

a) 1

b) 2

c) 3

d) 4

Answer: c) 3

41. **What will be the output of the following code?**

```javascript
console.log([1, 2, 3].shift());
```

a) 1

b) 2

c) 3

d) 4

Answer: a) 1

42. **What will be the output of the following code?**

```javascript
console.log([1, 2, 3].unshift(0));
```

a) 1

b) 2

c) 3

d) 4

Answer: d) 4

43. **What will be the output of the following code?**

```javascript
console.log([1, 2, 3].slice(1, 2));
```

a) [2]

b) [1, 2]

c) [2, 3]

d) [1, 2, 3]

Answer: a) [2]

44. **What will be the output of the following code?**

```javascript
console.log([1, 2, 3].splice(1, 1));
```

a) [2]

b) [1, 2]

c) [2, 3]

d) [1, 2, 3]

Answer: a) [2]

45. **What will be the output of the following code?**

```javascript
console.log([1, 2, 3].join(","));
```

a) "1,2,3"

b) "123"

c) [1, 2, 3]

d) "1, 2, 3"

Answer: a) "1,2,3"

46. **What will be the output of the following code?**

```javascript
console.log("hello".toUpperCase());
```

a) "HELLO"

b) "hello"

c) "Hello"

d) "hElLo"

Answer: a) "HELLO"

47. **What will be the output of the following code?**

```javascript
console.log("HELLO".toLowerCase());
```

```
```

a) "hello"

b) "HELLO"

c) "Hello"

d) "hElLo"

Answer: a) "hello"

48. **What will be the output of the following code?**

```javascript
console.log("hello world".split(" "));
```

a) ["hello", "world"]

b) ["h", "e", "l", "l", "o", " ", "w", "o", "r", "l", "d"]

c) "hello world"

d) "helloworld"

Answer: a) ["hello", "world"]

49. **What will be the output of the following code?**

```javascript
```

```
console.log(" hello ".trim());
```

a) "hello"

b) " hello "

c) "hello "

d) " hello"

Answer: a) "hello"

50. **What will be the output of the following code?**

```javascript
console.log("hello".charAt(1));
```

a) "h"

b) "e"

c) "l"

d) "o"

Answer: b) "e"

51. **What will be the output of the following code?**

```javascript
console.log("hello".substring(1, 3));
```

a) "el"

b) "he"

c) "lo"

d) "hel"

Answer: a) "el"

52. **What will be the output of the following code?**

```javascript
console.log("hello".indexOf("l"));
```

a) 1

b) 2

c) 3

d) 4

Answer: b) 2

53. **What will be the output of the following code?**

```javascript
console.log("hello".lastIndexOf("l"));
```

a) 1

b) 2

c) 3

d) 4

Answer: c) 3

54. **What will be the output of the following code?**

```javascript
console.log("hello".replace("l", "x"));
```

a) "hexxo"

b) "hexlo"

c) "hello"

d) "hxllo"

Answer: b) "hexlo"

55. **What will be the output of the following code?**

```javascript
console.log("hello".search("l"));
```

a) 1

b) 2

c) 3

d) 4

Answer: b) 2

56. **What will be the output of the following code?**

```javascript
console.log(Number("10"));
```

a) 10

b) "10"

c) NaN

d) "number"

Answer: a) 10

57. **What will be the output of the following code?**

```javascript
console.log(Number("10.5"));
```

a) 10

b) 10.5

c) "10.5"

d) NaN

Answer: b) 10.5

58. **What will be the output of the following code?**

```javascript
console.log(String(10));
```

a) 10

b) "10"

c) NaN

d) "string"

Answer: b) "10"

59. **What will be the output of the following code?**

```javascript
console.log(Boolean(10));
```

a) true

b) false

c) "true"

d) "false"

Answer: a) true

60. **What will be the output of the following code?**

```javascript
console.log(Object.prototype.toString.call(null));
```

a) "[object Null]"

b) "[object Object]"

c) "null"

d) "undefined"

Answer: a) "[object Null]"

61. **What will be the output of the following code?**

```javascript

console.log(Object.prototype.toString.call(undefined));
```

a) "[

object Undefined]"

b) "[object Object]"

c) "undefined"

d) "null"

Answer: a) "[object Undefined]"

62. **What will be the output of the following code?**

```javascript
```

```
console.log(Object.prototype.toString.call([]));
```

a) "[object Array]"

b) "[object Object]"

c) "array"

d) "object"

Answer: a) "[object Array]"

63. **What will be the output of the following code?**

```javascript
console.log(Object.prototype.toString.call({}));
```

a) "[object Object]"

b) "[object Array]"

c) "object"

d) "array"

Answer: a) "[object Object]"

64. **What will be the output of the following code?**

```javascript
console.log(Object.prototype.toString.call(function() {}));
```

a) "[object Function]"

b) "[object Object]"

c) "function"

d) "object"

Answer: a) "[object Function]"

65. **What will be the output of the following code?**

```javascript
console.log(Object.prototype.toString.call(new Date()));
```

a) "[object Date]"

b) "[object Object]"

c) "date"

d) "object"

Answer: a) "[object Date]"

66. **What will be the output of the following code?**

```javascript
console.log(new Date().getFullYear());
```

a) Current year

b) 1970

c) 2000

d) NaN

Answer: a) Current year

67. **What will be the output of the following code?**

```javascript
console.log(new Date("2020-01-01").getFullYear());
```

a) 2020

b) 2019

c) 1970

d) NaN

Answer: a) 2020

68. **What will be the output of the following code?**

```javascript
console.log(new Date("invalid date").getFullYear());
```

a) NaN

b) 1970

c) 2020

d) "Invalid Date"

Answer: b) 1970

69. **What will be the output of the following code?**

```javascript
console.log(new Date("2020-01-01").toISOString());
```

a) "2020-01-01T00:00:00.000Z"

b) "2020-01-01T00:00:00.000"

c) "2020-01-01"

d) "01-01-2020"

Answer: a) "2020-01-01T00:00:00.000Z"

70. **What will be the output of the following code?**

```javascript
console.log(new Date().toLocaleDateString());
```

a) Current date in local format

b) Current date in ISO format

c) Current date in UTC format

d) NaN

Answer: a) Current date in local format

71. **What will be the output of the following code?**

```javascript
console.log(JSON.stringify({a: 1, b: 2}));
```

a) '{"a":1,"b":2}'

b) "{a: 1, b: 2}"

c) "[object Object]"

d) NaN

Answer: a) '{"a":1,"b":2}'

72. **What will be the output of the following code?**

```javascript
console.log(JSON.parse('{"a":1,"b":2}').a);
```

a) 1

b) 2

c) "{a: 1, b: 2}"

d) NaN

Answer: a) 1

73. **What will be the output of the following code?**

```javascript
console.log(JSON.parse('{"a":1,"b":2}').b);
```

```
```

a) 1

b) 2

c) "{a: 1, b: 2}"

d) NaN

Answer: b) 2

74. **What will be the output of the following code?**

```javascript
console.log(JSON.parse('{"a":1,"b":2}'));
```

a) {a: 1, b: 2}

b) {"a":1,"b":2}

c) [object Object]

d) NaN

Answer: a) {a: 1, b: 2}

75. **What will be the output of the following code?**

```javascript
```

```javascript
console.log(typeof Symbol());
```

a) "symbol"

b) "object"

c) "undefined"

d) "string"

Answer: a) "symbol"

76. **What will be the output of the following code?**

```javascript
console.log(typeof new Set());
```

a) "object"

b) "set"

c) "undefined"

d) "string"

Answer: a) "object"

77. **What will be the output of the following code?**

```javascript
console.log(typeof new Map());
```

a) "object"

b) "map"

c) "undefined"

d) "string"

Answer: a) "object"

78. **What will be the output of the following code?**

```javascript
console.log(new Set([1, 2, 3]).size);
```

a) 3

b) 2

c) 1

d) 0

Answer: a) 3

79. **What will be the output of the following code?**

```javascript
console.log(new Map([[1, "a"], [2, "b"]]).size);
```

a) 2

b) 1

c) 3

d) 0

Answer: a) 2

80. **What will be the output of the following code?**

```javascript
console.log(new Map([[1, "a"], [2, "b"]]).get(1));
```

a) "a"

b) "b"

c) 1

d) 2

Answer: a) "a"

81. **What will be the output of the following code?**

```javascript
console.log(new Set([1, 2, 3]).has(2));
```

a) true

b) false

c) "true"

d) "false"

Answer: a) true

82. **What will be the output of the following code?**

```javascript
console.log(new Set([1, 2, 3]).delete(2));
```

a) true

b) false

c) "true"

d) "false"

Answer: a) true

83. **What will be the output of the following code?**

```javascript
console.log(new Set([1, 2, 3]).add(4));
```

a) Set(4) {1, 2, 3, 4}

b) Set(3) {1, 2, 3}

c) [1, 2, 3, 4]

d) [1, 2, 3]

Answer: a) Set(4) {1, 2, 3, 4}

84. **What will be the output of the following code?**

```javascript
console.log(new Map([[1, "a"], [2, "b"]]).delete(2));
```

a) true

b) false

c) "true"

d) "false"

Answer: a) true

85. **What will be the output of the following code?**

```javascript
console.log(new Map([[1, "a"], [2, "b"]]).set(3, "c"));
```

a) Map(3) {1 => "a", 2 => "b", 3 => "c"}

b) Map(2) {1 => "a", 2 => "b"}

c) {1, "a", 2, "b", 3, "c"}

d) [1, "a", 2, "b", 3, "c"]

Answer: a) Map(3) {1 => "a", 2 => "b", 3 => "c"}

86. **What will be the output of the following code?**

```javascript
console.log(new Map([[1, "a"], [2, "b"]]).has(1));
```

a) true

b) false

c) "true"

d) "false"

Answer: a) true

87. **What will be the output of the following code?**

```javascript
console.log(Promise.resolve(10));
```

a) Promise {<fulfilled>: 10}

b) Promise {<rejected>: 10}

c) 10

d) NaN

Answer: a) Promise {<fulfilled>: 10}

88. **What will be the output of the following code?**

```javascript
```

```javascript
console.log(Promise.reject("error"));
```

a) Promise {<rejected>: "error"}

b) Promise {<fulfilled>: "error"}

c) "error"

d) NaN

Answer: a) Promise {<rejected>: "error"}

89. **What will be the output of the following code?**

```javascript
console.log(new Promise((resolve, reject) =>
resolve("success")));
```

a) Promise {<fulfilled>: "success"}

b) Promise {<rejected>: "success"}

c) "success"

d) NaN

Answer: a) Promise {<fulfilled>: "success"}

90. **What will be the output of the following code?**

```javascript
console.log(new Promise((resolve, reject) =>
reject("error")));
```

a) Promise {<rejected>: "error"}

b) Promise {<fulfilled>: "error"}

c) "error"

d) NaN

Answer: a) Promise {<rejected>: "error"}

91. **What will be the output of the following code?**

```javascript
async function test() {
    return "success";
}
test().then(console.log);
```

a) "success"

b) Promise {<fulfilled>: "success"}

c) Promise {<rejected>: "success"}

d) undefined

Answer: a) "success"

92. **What will be the output of the following code?**

```javascript
async function test() {
    throw "error";
}
test().catch(console.log);
```

a) "error"

b) Promise {<fulfilled>: "error"}

c) Promise {<rejected>: "error"}

d) undefined

Answer: a) "error"

93. **What will be the output of the following code?**

```javascript
const obj = {a: 1, b: 2};
const {a, b} = obj;
console.log(a, b);
```

a) 1 2

b) {a: 1, b: 2}

c) [1, 2]

d) "a" "b"

Answer: a) 1 2

94. **What will be the output of the following code?**

```javascript
const arr = [1, 2, 3];
const [a, b] = arr;
console.log(a, b);
```

a) 1 2

b) [1, 2]

c) {1, 2}

d) "a" "b"

Answer: a) 1 2

95. **What will be the output of the following code?**

```javascript
const arr = [1, 2, 3];
const [a, ...rest] = arr;
console.log(a, rest);
```

a) 1 [2, 3]
b) [1, 2]
c) {1, 2}
d) 1 2

Answer: a) 1 [2, 3]

96. **What will be the output of the following code?**

```javascript
const obj = {a: 1, b: 2};
const newObj = {...obj, c: 3};
```

console.log(newObj);
```

a) {a: 1, b: 2, c: 3}

b) {a: 1, b: 2}

c) {c: 3}

d) {a: 1, b: 2, c: 3, d: 4}

**Answer:** a) {a: 1, b: 2, c: 3}

97. **What will be the output of the following code?**

```javascript
const arr1 = [1, 2];
const arr2 = [3, 4];
const newArr = [...arr1, ...arr2];
console.log(newArr);
```

a) [1, 2, 3, 4]

b) [1, 2]

c) [3, 4]

d) [[1, 2], [3, 4]]

Answer: a) [1, 2, 3, 4]

98. **What will be the output of the following code?**

```javascript
const arr = [1, 2, 3];
console.log(arr.map(x => x * 2));
```

a) [2, 4, 6]

b) [1, 2, 3]

c) [3, 6, 9]

d) [1, 4, 9]

Answer: a) [2, 4, 6]

99. **What will be the output of the following code?**

```javascript
const arr = [1, 2, 3];
console.log(arr.filter(x => x > 1));
```

a) [2, 3]

b) [1, 2, 3]

c) [1]

d) []

Answer: a) [2, 3]

100. **What will be the output of the following code?**

```javascript
const arr = [1, 2, 3];
console.log(arr.reduce((acc, x) => acc + x, 0));
```

a) 6

b) 1

c) 2

d) 3

Answer: a) 6