

**JavaScript Weekend Exam-1**

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1. What is output of the following code

let i = 0;

For(;;){

If(i>3) break;

Console.log(i);

i++;

}

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A | Infinity loop | B | Error | **C** | **0,1,2** | D | None of this |

1. Giving which property the parent element will be not get effected by the child float property

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A | Clear | B | Float-clear | C | all-clear | D | None of the above |

1. How to remove bullets from ul lists by using css?

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A | display:none | B | List-type : none | C | Style-type : none | **D** | **List-style-type : none** |

5) What is the output of following code

let a = 5;

let size = 4;

for(let j = size ; j>=0;j--){

console.log(a);

a = a-2;

}

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A | 5555 | B | 5321 | **C** | **531-1** | D | 531 |

4. Write a program to check peak exist in the array or not

Peak: if the particular number is greater than to its left side number and right side number then it is called peak

Input : [12,32,44,55,11,33,56];

Output : 55 is the peak

5 . Which of the following is true about variable naming conventions in JavaScript?

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A | You should not use any of the JavaScript reserved keyword as variable name. | B | JavaScript variable names should not start with a numeral 0 − 9. | **C** | **Both of the above.** | D | None Of the above |

6) Which built-in method removes the last element from an array and returns that element?

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A | lastIndexOf | **B** | **Pop** | C | lastElement | D | None of the above |
|  |  |  |  |  |  |  |  |

8) Why we use key frames in CSS?

A) key frames are used in css for animations.it gives you more control over the animation you want to perform.

9) Why we use Z-index ?

A) Z-index property can be specified with an integer value and the order of overlapping HTML elements.

10) Write the difference between absolute, relative, fixed and sticky position?

**Absolute** – HTML element positions the element to its nearest positioned parent. Thus it refers to the nearest parent’s position.

**Relative** – the element is positioned according to the normal flow of the document and then offset relative to itself based on the values.

**Fixed** – element is removed from the normal document flow, and no space is created for the element in the page layout.

**Sticky** – the element is positioned based on the user scroll position.

11) What is difference between = = and = = = in comparison operator in javascript?

A) == it will check the values but it will ignore the datatypes and === it will check both the values and the Operator also check the datatype.

12) what is difference between slice and splice in array methods

A) **splice** used to add the elements and delete the elements and  **slice** are used to extract the elements in the array.

13) Write 5 different array methods with example

14) what are conditional statements when we need to use them?

Conditional statements are used to deside the flow of execution based on different conditions. If a condition is true, you can perform one action and if the condition is false, you can perform another action.

15) what are entry controlled loops and mention them?

Entry controlled Loops are test condition is checked first, and then loop body will be executed. exit control loop is a executed first and then the given condition in checked.

16) what is the difference between logical and (&&) and logical or || in logical operators

Logical AND - ‘&&’Operator defined as if the condition is true , it will show that correct value, Otherwise its false.

Logical OR || - this is defined if the condition falseif the valueswill be false, in case either value is, the || operator returns true.

17) Write a program to find the given number is palindrome or not

Note: palindrome is nothing but if the input and reverse of input is same then it is called palindrome

Example : input : madam

Reverse : madam

Then madam is an palindrome