

Clarusway



## Backend Workshop -2-

---

## Workshop

---

Subject:

- JS Recap

Learning Goals

- Reviewing and remembering our basic JavaScript knowledge.

## Introduction

- Let's refresh our knowledge on Js.

## Prerequisites

We will use the VSCode you are familiar with. At the same time, we need to install Nodejs on our computer.

## Lets start

### 1. What is the output of the following code block ?

```
console.log(0.1 + 0.2);  
console.log(0.1 + 0.2 == 0.3);
```

Answer:



### 2. What is the output of the following code block ?

```
console.log(1 < 2 < 3);  
console.log(3 > 2 > 1);
```

Answer:



### 3. Write program to find the sum of positive numbers. But if the user enters a negative numbers, the loop ends, if the negative number entered is not added to sum

Answer:

### 4. What is the output of the following code block ?

```
null == undefined  
null === undefined  
isNaN(2 + null)  
isNaN(2 + undefined)  
null ? console.log("true") : console.log("false")
```



Answer:

**5. What is the output of the following code block ?**

```
var hash = "";
var count = 1;
var n = 3;
for (var x = 1; x <= 7; x++) {
  while (hash.length != count)
    hash += "#";
  hash += "\n";
  count += n;
  n++;
}
console.log(hash);
```

Answer:



**6. What is the output of the following code block ?**

```
let firstName = null
let lastName = null
let nickName = "coderBond"
console.log(firstName ?? lastName ?? nickName ?? "Anonymous")
```

Answer:



**7. What is the output of the following code block ?**

```
function onZoom(x){
  console.log("Zoom active for", x)
```

```
}

function startClass(x,y,z){
  console.log(" Class starts at", x);
  y(z);
}
startClass("20:00",onZoom,"FS");
```

Answer:



**8. What is the output of the following code block ?**

```
console.log
((function f(n){return ((n > 1) ? n * f(n-1) : n)})(5));
```

Answer:



**9. What is the output of the following code block ?**

```
(function () {
  try {
    throw new Error();
  } catch (x) {
    var x = 1, y = 2;
    console.log(x);
  }
  console.log(x);
  console.log(y);
})();
```

Answer:



**10. What is the output of the following code block ?**

```
let a = [10, 20, 30];
a[10] = 100;
console.log(a[6]);
let b = [undefined];
b[2] = 1;
console.log(b);
console.log(b.map(e => 99));
```

Answer:

**11. What is the output of the following code block ?**

```
function orderPizza(type, ingredients, callback) {
  console.log('Pizza ordered...');
  console.log('Pizza is for preparation');
  setTimeout(function () {
    let msg = `Your ${type} ${ingredients} Pizza is ready! The total bill is $10`;
    callback(msg);
  }, 3000);
}
orderPizza('Vegeterian', 'Cheese', function(message){
  console.log(message);
});
```

Answer:

**12. What is the output of the following code block ?**

```
class Employee{
  constructor(id,name){
    this.id=id;
    this.name=name;
  }
  detail(){
    console.log(this.id+" "+this.name)
  }
}
```

```
let e1=new Employee(10,"Qadir Adamson");
let e2=new Employee("Victor Hug");
let e3=new Employee(12)
e1.detail();
e2.detail();
e3.detail();
```

Answer:



**13. What is the output of the following code block ?**

```
class Animal {
  constructor(name, weight) {
    this.name = name;
    this.weight = weight;
  }
  eat() {
    return `${this.name} is eating`;
  }
  sound(){
    return `${this.name} is says`;
  }
}
class Cat extends Animal {
  constructor(name, weight) {
    super(name, weight);
  }
  sound(){
    return `${super.sound()} Meow!`;
  }
}

let felix=new Cat("felix",5)
console.log(felix.sound())
```

Answer:



---

😊 Thanks for Attending 🙌

