

Fascoon - Doubt Solving Session - 28th August 2021 - May Batch

Note: We will start the session @4

Attendance for the Session:

- Amit
 - Andy
 - Naresh
 - Poonam
 - Rushi
 - Suresh Yadav
 - Vinay
 - Mohsin
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Module Completion

1. HTML Basics - **DONE**
 2. CSS Basics - **DONE**
 3. Bootstrap CSS Framework - **IN PROGRESS**
 4. Javascript Basics - **DONE**
 5. Javascript Advanced - **IN PROGRESS**
 6. Github - **DONE**
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Doubts OR Queries

Q.1.[Poonam] Constructor this keyword?

- If you want to implement this keyword, always do it using javascript classes.
 - Implementing this keyword in normal objects or normal variables is not recommended.
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```
// class Person
let country = 'India'
const name = 'Amit'
class Person{
```

```
    constructor(firstName,lastName){
        console.log('I am a constructor')
        this.firstName = 'Atul'
        this.lastName = 'Sharma'
    }
    displayInfo(){
        console.log(this.firstName)
        console.log(this.lastName)
    }
}

// object or instance of class person
p1 = new Person()
p1.displayInfo()
console.log(country)
```

Q.2.[Amit] Mini Revision of Topics Completed?

- Let's create a small web app, which will display news dynamically.
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Q.3.[Naresh] Difference between let and const?

- The value of a const doesn't change.
 - The value of a let variable can change.
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Q.4.[Suresh] Difference between Re-declaration and Re-initialization??

- **var** keyword - can be re-initialized, or value can be updated from inside and outside the scope.
 - **let** keyword - can be re-initialized, or value can be updated only from inside the block scope.
 - **const** keyword - once initialized it cannot be re-initialized.
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Q.5.[Poonam] Terminal Operations??

- **Save the list of commands in a notepad**
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- **Creating a Folder**

```
$ mkdir <folder-name>
```

- **Go inside the Folder**

```
$ cd <folder-name>
```

- **Go Back**

```
$ cd ..
```

- **Clear Terminal**

```
$ clear
```

Q.6.[Vinay] What is the use of Return in a Function?

Ans:

1. return keyword is used to return back to the main program the calculated value or output.
2. return value is supposed to be saved in a new variable when calling the function.

```
calcNewSalary(){  
  
    const newSalary = this.salary + this.increment  
    return newSalary  
}
```

```
const newSalary = emp1.calcNewSalary()  
console.log('New Salary after Hike:', newSalary)
```

Q.7[Poonam] Two functions were used in to fetch news and display the newsdata?? How and why these functions were used??

Ans:

1. Use of nested function calling.
 2. getNewsData() function is just fetching the news, and storing the data in a variable → news_data.
 3. fetchNews() function is calling the getnewsData() function, which is called a nested function call i.e → calling a function from inside a function.
 4. Once you call fetchNews() function, it will call getNewsData() function
 5. getNewsData() will update the value of variable → news_data.
 6. This news_data variable will be then given to the HTML View.
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Notes:

1. **var** keyword is accessible inside and outside the block scope.
 2. **let** keyword is accessible only inside the block scope.
 3. Anything **let** and **const** declared inside the block scope cannot be accessed from outside the block scope.
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Practice with Dynamic Data using the following Free APIS

- <https://randomuser.me/api/>
 - <https://newsapi.org>
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- Javascript Advanced - **IN PROGRESS**
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- Advanced Javascript Topics:
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- Classes
- Objects → JSON Object , Javascript Object , JSON Array, **Object Array**
- Arrays

- Functions
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