**Section 1 :**

1. **Let:** used to declare a variable

**Const:** used to declare a constant

JSadd them in ES6 because of the limitations when it comes to scope (they do not offer block scope).

1. **Output:** Post 1 is written by Junuman.

**Description:** In this code we have two Objects, **post** and child Object **author**.

After freezing **post**, we try to change his attribute **title**, which is not possible, then we change the attribute of his child Object **author** **name**, which is allowed, because, the **freeze** method affect the Object itself and not child Object.

1. arr=arr.concat(array);

arr=arr.sort();

**Section 2:**

1. **Output:** Undefined.
2. They take place at the top of a scoop.
3. A callback function is when you are calling or passing another functions into your functions.

**Example:**

function showMe(x) { return x; };

function usingShowMe(callback) {

let y = callback("EHMEDANE");

console.log(y);

}

usingShowMe(showMe);

1. We can compare two Objects by using “===” or the method “Object.is(otherObjet)”.
2. A closure in JavaScript means a combination of functions bundled together.
3. Palindrome function:

function isItPalindrom (word) {

return word == word.split('').reverse().join('');

}

console.log(isItPalindrom("abcdda"));

**Section 3:**

let filteredData = Data.filter(function(datas){

return datas.Age>20 && datas.Course.Paid!=null && datas.Course.Episode==1;

});