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|  | **###-###: Enterprise Application Development** |
| **Semester VIII(CS, SE) (Spring 2021)**  **Course Instructor(s): Dr. Mujtaba, Abdul Fateh, Khalid Hussain** |

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| **Lab 03: Features of ES6** |

**Objective(s):**

1. Learn Features of ES6

**Lab Task(s):**

Exercises

1. Here is a sample given. Here console log the new address, the new city and the country. You are encouraged to use Template Literals, Object Literal s& Object Destruction.

function addressMaker(address) {

const newAddress = {

city: address.city,

state: address.state,

country: 'United States'

};

...

}

1. Create an array with any 10 elements. Apply **for…of** loop. Use **let** in **for...of** loop and then change **let** over **const** in **for…of** loop. And also try to manipulate values inside a loop.
2. Given the following code. You need to change promise-based code into using async/await.

function resolveFewSeconds() {

return new Promise(resolve => {

setTimeout(() => {

resolve('resolved');

}, 2000);

});

}

1. Visit following links and download files. After downloading complete code by following instructions given in each file.
   1. [Block Scoping](https://raw.githubusercontent.com/kalikd/exercises/main/01_block-scoping.test.js)
   2. [Template Literals](https://raw.githubusercontent.com/kalikd/exercises/main/02_template-literals.test.js)
   3. [Destructure](https://raw.githubusercontent.com/kalikd/exercises/main/04_destructure.test.js)
   4. [Class](https://raw.githubusercontent.com/kalikd/exercises/main/10_class.test.js)
   5. [Object Literal](https://raw.githubusercontent.com/kalikd/exercises/main/06_object-literal.test.js)
   6. [Promises](https://raw.githubusercontent.com/kalikd/exercises/main/14_promises.test.js)
   7. A[sync/await](https://raw.githubusercontent.com/kalikd/exercises/main/15_async-await.test.js)
   8. [Arrow Function](https://raw.githubusercontent.com/kalikd/exercises/main/09_arrow.test.js)