**Coding Assignment 2.1**

**Learning Outcome Addressed**

 7. Write a program that executes after some criteria are met

**Scheduling Computation**

#### Scheduling a Code Execution

As a programmer, you won't want your program to perform every action immediately. In some situations, you'll need to design your program to perform an action at a specified time. For example, if you are developing a retail website you may want to display a pop-up message with a discount offer after a customer has been browsing on the page for a while. You can do this with the timeout function in JavaScript.

**You task in this activity is to do the following:**

* Create a function in JavaScript that will display the words "Hello World" on the console.
* Delay the execution of the function you created by three seconds by adding the timeout function.

# Repeating Computation

#### Scheduling a Code Execution with Repetition

Now that you've delayed the execution of your code once, you'll delay the execution of your code repeatedly after a set number of milliseconds.

Suppose you are developing an online banking site where inactive users must be automatically logged out in order to protect their accounts. In this case, you would need to schedule repeating pop-ups at certain intervals to confirm that the user is still actively viewing their bank account, before automatically logging them out.

**You task in this activity is to do the following:**

* Repeat the execution of the function you created every three seconds.

Task

Delay the execution of a function that prints "Hello World" on

<!DOCTYPE html>

<html>

  <head>

    <title>Simulation - Scheduler</title>

    <script src="./scheduler.js"></script>

  </head>

  <body>

    <h1></h1>

    <p>When you're done coding, refresh this page</p>

  </body>

</html>

//Write a function here to display "Hello World" on the console

//Write another function here that will delay the execution of the 1st function by 3 seconds

//Write another function here that will print "Hello World" to the console every 3 seconds