**ASSIGNMENTS**

1. Run the following code & examine the output carefully:

***for(var i=1 ; i<10 ; i++)***

***{***

***setTimeout(() => {***

***console.log(i);***

***}, 1000)***

***}***

Refactor the code to produce the following output after 1 second:

***1***

***2***

***3***

***4***

***5***

***6***

***7***

***8***

***9***

***10***

1. Write a JS function which accepts an array of 10 numbers. The function must return another array which contains only the odd numbers in the source array.
2. Refactor the JS function created in assignment 2 so that the user can pass the filter condition also to the function. For example, only even numbers, only prime numbers, etc. The condition must NOT be passed as a string.
3. Consider the following scenario:

*There are 3 functions, namely,* ***GetVideo(), AddIntro()*** *and* ***AddSummary().*** *Each method returns a Promise. The Promise when resolved must return a string after 3 seconds like this:*

*GetVideo() 🡪 returns* ***Got Video***

*AddIntro() 🡪 returns* ***Intro Added***

*AddSummary() 🡪 returns* ***Summary Added***

Invoke the **GetVideo()** function. The final result must be displayed as:

**Got Video, Intro Added, Summary Added**

1. Rewrite the previous assignment using **async** and **await** keywords.