**W1D1 Algorithms assignment**

1) What happens when an assignment is performed without using let or const keywords in strict mode?

* Will throw an Error.

2) List 5 reserved keywords in JavaScript.

* If, while, break, char, float, and true.

3) How is a computer program similar/ different than an algorithm.

* A program is a list of instructions(statements and expressions) that tells the computer what to do in a step-by-step procedure. Whereas an Algorithm is a finite sequence of instructions or list of steps, typically written in some human language that explains how to perform a specific task or solve a problem.

4) Write at least two algorithms you perform on your daily life, with at least one algorithm that can be converted to computer program.

1. “Wash your hands and wear a mask.”

Step 1) open the water tap.

Step 2) put soaps on your hands.

Step 3) clean your hands with water for about 2 minutes.

Step 4) shut down the water tap.

Step 5) dry your hands.

Step 6) if you want to leave from home wear a mask.

Step 7) else stay at home.

1. “ Writing a message on your phone.”
2. Step 1) Pick up your phone and search the name in the contact list.
3. Step 2) If you find the name, select the phone number.
4. Step 3) Input your message.
5. Step 4) If the network is working continue to write else go to step number 3.
6. Step 5) If you finish writing close your phone.