Assignment one

· If we didn’t assign for a given variable let or const keyword in case of strict mode, it will give us a running time error saying reference of a variable is not defined.

· Five keywords are var, let, const, function, return, and others.

Q2. How is a computer program similar/ different than an algorithm.

The similarity between computer programs and algorithm is both have a specific sequence to perform a given job. The algorithm differs from computer programming in which algorithm is the step by step or the sequence of activities should have to follow and finish a given task that is written in a human-understandable language (in English). Whereas computer programming is written such as like JavaScript language then computer executes it. The computer program use data stored in the memory and follow the algorithm to perform the task.

Q3. Write at least two algorithms you perform on your daily life, with at least one algorithm that can be converted to computer program.

Making coffee;

1. Add water into coffee machine
2. Put like 5 spoon of coffee powder on ready paper.
3. Add the paper with powder on the machine in the specified place
4. Waite some minuet to brew
5. Pour the hot coffee in to the cup
6. Add desire amount of sugar
7. Last drink the ready one.

How to get the total mileage drove within 12 hours that I drive every day.

To know the mile;

1. Keep a record of the number of a mile before start driving every time,

2. Keep a record of the number of miles after you stop driving every time.

3. Deduct the end mileage from the start.

4. Add all the number of mileage differences you found, this results in the total mileage drove in the day.

let miles=[];

let sumMile=0;

for(let i=0;i<12;i++){// 12 is the hour that used to drive as need.

miles[i]=parseInt(prompt("Enter each miles you drove by subtracting from end to start mile"));

sumMile+=miles[i];

}

console.log("Total mile"+ sumMile)