**Aimal Khan**

**Week-3 Live session Statement.**

**We started with, what is a function ?**

A technical definition of a **function** is: a relation from a set of inputs to a set of possible outputs where each input is related to exactly one output. We can write the statement that f is a **function** from X to Y using the **function** notation f:X→Y

**There are two different things we could use. Arguments and Parameters. What are the differences between these two?**

The difference between **parameters** and **arguments**: Function **parameters** are the names listed in the function's definition. Function **arguments** are the real values passed to the function. **Parameters** are initialized to the values of the **arguments** supplied.

Then have a function of multiplication of the x and y. I do understand how the return will be x \*y.

Now we are starting week 3. Created a new folder for week 3.

Inside week 3 folder, we need to create a JSON file.

Go to <http://swapi.dev/>

Our assignment is based on this. Copy everything along with the opening and closing brackets. Paste it into JSON file and then after the last curly bracket we need a comma. I also understand how to add another record to JSON file.

We also have videos in our canvas in week 3, explaining on how to setup all these step by step.

We created a JSON file. And we putted 3 different star wars characters.

Now we need to create new folder and create new file demo.js and both of these should be under the week 3 folder. And we will need to connect these two folders.

To connect the two together.

Const starwars\_data = require(‘ ./data.json’)

Const items = starwars\_data \* length

Console.log(json.stringify(starwars\_data));

Overall I did understand everything from this week live session recording. Thank you for providing me this video. It did help me catch up on some good learning.

I hope that my written statement is well written to be understood. Please let me know if have missed anything.

Thank You

Aimal Khan.