**Subject**: Web Development **Lesson**: HTML Table

**Class**: Grade 10 & 11 **Time**: 2 Sessions (100 minutes)

**Date**: 00/00/2017 **Teachers**: M. Al-Musawi, R.Damaj & R.Khalil

**Purpose of the Lesson:**

The main purpose of this lesson is to demonstrates how to make and change the style of a table in HTML.

**Objectives**:

After completing this lesson, you will:

1. Learn how to make a table.
2. Learn how to add rows and columns in HTML.
3. Learn how to add border to the table using CSS.
4. Learn how to change style of the table, ex: size and position.
5. Learn how to change the style of the text inside the table.

**Terms:**

Table, rows, columns and table data.

**Session:**

1. Define a table in HTML.

<https://www.w3schools.com/css/css_table.asp>

1. Defined the required tags for table and their uses.

* table : to define a table in html.
* tr: to define a table row.
* td: to define a table data
* th: to define a table heading
* caption: to define a table caption

1. Define the required properties to change the style of the table using CSS.

* border: Sets all the border properties in one declaration
* border-collapse: Specifies whether or not table borders should be collapsed.
* width: to change the size of the table.

**Exercise:**

Create an HTML table about students marks.

**Requirements:**

1. Must have at least 5 columns in the table.
2. Must have at least 4 entries in the table (rows).
3. Must be styled well with CSS.

**Extra challenge:**

1. Put the table in the center.
2. Remove the double border (Hint: search for collapse border).
3. Remove the border between the adjacent columns.

