SCO Assignment

# Introduction:

The goal of the assignment is to get an introduction with HTML elements. Also, to get an introduction with SCO (Shareable Content Object).

Some of the popular HTML elements we are using in this assignment are:

* Use of MARK Tag
* Math ML
* Header Tag
* Footer Tag
* Data Tag
* Video Tag
* Data list Tag
* Summary Tag

# Technologies used:

The goal is to simulate a quiz platform using basic HTML. Due to the involvement of scoring parts and logic flow, plain HTML alone won’t be sufficient in this assignment. We have to use JavaScript to manage the logic. I have especially selected jQuery to handle the JS part, so as to make the syntax concise and simple.

* HTML
* JavaScript
* jQuery
* CSS

# Logic:

The logic used here is that we are having an outer HTML which is the parent windows. We are going to have a dynamic I-Frame concept. Meaning the I frame will change as per the flow as controlled by JavaScript.

While going through the quiz, we calculated the scores and also store the values in a JavaScript variable which can be easily accessed.

# Screenshots:

Main page:

Graphical user interface, application

Description automatically generated

Page 1: Math ML UI and the logic behind them.

A picture containing engineering drawing

Description automatically generated

Text

Description automatically generated

Page 2: Math ML continued.

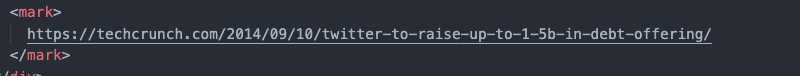
Graphical user interface, application

Description automatically generated

Page 3: English SCO – With multiple answer question. And use of mark tag.

Graphical user interface, application, Word

Description automatically generated



Page 4: Video tag question – With video controls.

Graphical user interface, application

Description automatically generated

Survey page: Get user input about the test. Also data list tag for selection.

Graphical user interface

Description automatically generated

Text

Description automatically generated

Summary page: Show results of test. Using Summary tag

Graphical user interface, application

Description automatically generated

Header tag:

Text

Description automatically generated

Data tag:

Text

Description automatically generated

Video tag:

Graphical user interface, text, application, website

Description automatically generated

Summary tag:

Text

Description automatically generated

Text

Description automatically generated

Readme:

Graphical user interface, text

Description automatically generated