**Assessment 1 – Structured Activities (ICTWEB452)**

**Task 2**

**You must complete questions and exercises as described below.**

***Preliminary Instructions*:**

A. Consult with your lecturer during the execution of the following tasks (Tasks 1 – 3).

B. Make sure you access the required organisational procedures, while you are working.

**QUESTIONS**

1. Describe what Hypertext markup language (HTML) is and what it can be used for. Give an example.
   1. A hypertext markup language also known as HTML is the basic coding language that is used in most websites like markup tags and a text or link that references to the other text or link website and also known as hypertext. Hypertext can be used to link website to other websites, this type of text are usually in bold or text with line, for example “[UNIS](https://kprofiles.com/unis-universe-ticket-members-profile/)”.
2. Describe what Virtual reality modelling language (VRML) is and what it can be used for. Give an example.
   1. A virtual reality language also known as VRML is a modelling language that creates a 3D or 3 dimensional that is used objects, animation and also in the World Wide Web that does not use a markup language. For example, there is a box and people can play and explore on their computer.
3. Describe what Extensible markup language (XML) is and what it can be used for. Give an example.
   1. An Extensible markup language also known as XML that can exchange and store data. XML does not do anything unlike HTML because XML can only carry the data unlike HTML it more about how the data looks. For example, you can use XML to send a note to someone.

**EXERCISES**

1. Use HTML5 to create a webpage that:

* Has 2 “Sections”.
* Each Section must have a title
* One Section should contain 3 hyperlinks to useful HTML5 resources…
* The other Section should contain 3 hyperlinks to useful JavaScript resources…

(\*\*Your page must use the following elements: <section>, <nav> and <header>)

2. Use SVG to create a webpage that displays what is given below.

(Hint – research the “transform” and the “translate” function…)

