**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 a scripting language used to connect other web pages to another using other text as hyperlink. For example, <a href=" https://kpopjuice.com/en/universe\_ticket/ranking/">**Kpop**</a> the bold text is a hyperlink
2. Describe what Virtual reality modelling language (VRML) is and what it can be used for. Give an example.
   1. A Virtual reality modelling language also known as VRML is a markup language used to create and show the 3D objects in structure and it also not use markup tags. For example, you can create any shape you want and allows you to interact with it
3. Describe what Extensible markup language (XML) is and what it can be used for. Give an example.
   1. An Extensible markup language is a tool that can store, transport data and arrange information using tags with labels. For example, you can create a container that includes the person’s name, age, and address to have properly storing data

**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…)

