**CM1605 Web Technology**

**Tutorial 1**

The aim of this tutorial is to create a web page using HTML markup tags, some useful text formatting tag. Practice and review HTML lists and different links.

This is an individual exercise. You may use any text editor (Notepad, Notepad ++) to create the HTML pages and any Brower application (chrome, IE, firefox etc) to run the web pages.

* View your web page in a browser. Find your file - double-clicking this file or dragging it into a web browser should open it for viewing.
* Keep both your text editor and browser open. You can then make changes in the text editor and refresh the browser window to see those changes.
* When you are happy with your results check if your markup is syntactically valid using the Validator at:
* <https://validator.w3.org/>

Note: Use proper indentation and comments where applicable

Artificial Intelligence

Artificial Intelligence (AI) can be defined as a “branch of computer science by which we can create intelligent machines which can behave like a human, think like humans, and able to make decisions”. AI exists when a machine can have human based skills such as learning, reasoning, and solving problems. The AI is now all around us. It is currently working with a variety of subfields, ranging from general to specific, such as self-driving cars, playing chess, proving theorems, playing music, Painting, etc. AI is one of the fascinating and universal fields of Computer science which has a great scope in future. AI holds a tendency to cause a machine to work as a human.

With Artificial Intelligence you do not need to preprogram a machine to do some work, despite that you can create a machine with programmed algorithms which can work with own intelligence, and that is the awesomeness of AI. AI is not just a part of computer science even it's so vast and requires lots of other factors which can contribute to it. To create the AI first we should know that how intelligence is composed, so the Intelligence is an intangible part of our brain which is a combination of Reasoning, learning, problem-solving perception, language understanding, etc. Artificial Intelligence requires the following discipline: Mathematics, Programming, Psychology, Computer Science, Neurons Study and Statistics.

Artificial Intelligence has various applications in today's society. Following are some sectors which have the application of Artificial Intelligence: Gaming, Healthcare, Finance, Social Media, Robotics, Agriculture, E-commerce and Education.

TOP

Read more information on AI https://www.javatpoint.com/artificial-intelligence-tutorial

**Part A**

You should prepare a HTML page to display the above information on Artificial Intelligence in specified format below.

1. The topic of the web page should be in Heading 1 and aligned centered.
2. The phrase “Artificial Intelligence” should be emphasized.
3. The definition of the AI should appear in a definition tag.
4. Make AI disciplines as an un-ordered list.
5. Make AI applications as an ordered list
6. The text chunks are paragraphs
7. Create an external link to read more information on AI. The link should open in a new browser window tab.
8. Insert a ruler at the bottom of the page
9. Add your email address (It should act as a link) and your name as the author
10. Save the file as index.html

What are HTML the semantic tags used to develop the web page?

Additional: Clicking on the link TOP should take the user to the top of the web page.

What type of links are available in the index.html?

**Part B**

1. Create another HTML page about your self
2. Write 5 sentences about myself
3. Link this web page to the author of the index.html
4. Save the file as yourname.html
5. How would add an image of yourself