## IWPL - Assignment No. 1

→ Aim: Implement HTML5.

→ Problem Statement:

Using HTML5 layout tags, develop informative page for "Online Sports Store" which include various images, links and use formatting.

→ Theory:

1] What is HTML5?

Ans.

i) HTML5 is a markup language used for structuring and presenting content on the World Wide Web.

ii) It is the fifth and last major HTML version that is a W3C.

iii) HTML5 includes detailed processing models to encourage more interoperable implementation it extend, improves and rationalizes the markup available for documents.

iv) HTML5 is also a candidate for cross-platform mobile application because it includes features designed with low - powered devices in mind.

Q.2] What are advantages of HTML6?

Ans:    Advantages of HTML5:

a) Cleaner Markup:
→ HTML5 enables web developers to uses neater, cleaner code
→ We can remove div tags and replace them with semantic HTML5 elements

b) Elegant Forms:

→ Enables designers to use fancier forms
→ There we will be different types of inputs & different fields for different purpose.

c) Consistency:
→ Makes it much easier for designers to immediately understand the page.

d) Supports Rich Media Elements:
→ HTML5 has an inbuilt capability to play audio and video and so we can bid good goodbye to those plugin tags.

Q.3] List and explain with syst syntax, minimum 5 HTML tags used in the ad assignment

Ans:

i] `<a>`

→ It is termed as anchor and it creates a hyperlink or link

→ `<a href="_____" >Link Text</a>`

ii] `<b>`

→ It is used to make a text bold

→ Syntax :- `<b> Text </b>`

iii] `<em>`

→ It ~~emphasizes~~ emphasizes the content within the tag.

→ Syntax: `<em> Import Content ___ </em>`

iv] `<img>`

→ It is used to represent ~~a text in some different~~ an image

→ Syntax: `<img src="..path/to/img" alt="..." />`

⇒ <u>Conclusion</u>:

Thus, I learned that HTML5 tags and their ways can be used to design web pages.