**PSG COLLEGE OF TECHNOLOGY**

**DEPARTMENT OF COMPUTER APPLICATIONS AY 2022-23**

**SEMESTER 1 20MX18 WEB APPLICATION DEVELOPMENT**

Problem Sheet 4

**Using external CSS develop the following:**

Note: Do not use JavaScript anywhere.

1. Play the website <https://leadcoding.in/> inside the frame created in your web page. Vary the size of the iframe and observe the changes.

Refer: <https://ilovecoding.org/lessons/embeds-video-audio-and-iframe-elements>

1. **Study on CSS layout: display property:**

**Refer :** [**https://htmlandcssguidebook.com/css/display/**](https://htmlandcssguidebook.com/css/display/)

[**https://htmlandcssguidebook.com/css/flexbox/**](https://htmlandcssguidebook.com/css/flexbox/)

**https://htmlandcssguidebook.com/css/grid/**

1. Create a web page with two div tags. Include two/three paragraphs in each div. Use the external style sheet with different display property values and understand its characteristics.
2. Use grid/flexbox attributes of display property modify your timetable page.
3. Use all media tags like

|  |
| --- |
| Note: Try all the attributes like autoplay, controls, height, loop, muted, poster, preload, src, width |

**<audio>:** It is an inline element that is used to embed sound files into a web page.

**<video>:** It is used to embed video files into a web page.

**<source>**: It is used to attach multimedia files like audio, video, and pictures.

**<embed>:** It is used for embedding external applications which are generally multimedia content like audio or video into an HTML document.

**<track>:**It specifies text tracks for media components audio and video.

Play the video loaded in this directory

Insert a poster ( PSGCT image given in the directory) to display as the background until the video starts playing.

Refer: <https://www.w3schools.com/tags/tag_video.asp>

Reference: <https://html.com/media/>