**Don Bosco Institute of Technology**

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# Internet Programming

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Class: TE-IT

Roll no.: 22

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## Experiment no. 1

**Title:** Design a Basic web page using HTML5

**Problem Definition:** Design a Basic Web page using [HTML](https://elearn.dbit.in/mod/folder/view.php?id=382) 5 tags Head, Body, Hyperlink, Formatting styles, Images and Table.

**Pre-requisites:** Basic HTML and Tags

**Theory:** HTML stands for Hypertext Markup Language. It is used to design web pages using a markup language. HTML is the combination of Hypertext and Markup language. Hypertext defines the link between web pages. A markup language is used to define the text document within the tag which defines the structure of web pages.

**Head :** The <head> element is a container for metadata (data about data) and is placed between the <html> tag and the <body> tag.

Metadata is data about the HTML document. Metadata is not displayed. Metadata typically define the document title, character set, styles, scripts, and other meta information.

**Body :** The <body> tag defines the document's body.

The <body> element contains all the contents of an HTML document, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.

**Hyperlink :** HTML links are hyperlinks.You can click on a link and jump to another document.When you move the mouse over a link, the mouse arrow will turn into a little hand.

**Images :** The HTML <img> tag is used to embed an image in a web page.Images are not technically inserted into a web page; images are linked to web pages. The <img> tag creates a holding space for the referenced image.

**Table :** A table in HTML consists of table cells inside rows and columns.Each table cell is defined by a <td> and a </td> tag.

**Procedure:**

1. Open any text editor
2. Write some HTML Code
3. Save the file with name ending .HTML
4. Open the HTML Page in your browser

**Program:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Irin's's Personal Site</title>

    <link rel="stylesheet" href="css/styles.css">

</head>

<body>

    <hr size="2" noshade>

    <table cellspacing="20">

        <tr>

            <td>

                <h1>IRIN ROCHE </h1>

                <p><em>Third Year IT student</em></p>

                <p>I am a third year student. Currently pursuing BE in <strong>INFORMATION TECHNOLGY</strong>.<br>I am fond of coding and always want to learn new technologies.<br>I love to play outdoor sports.</p>

            </td>

        </tr>

    </table>

 <h3>My Hobbies</h3>

    <ol>

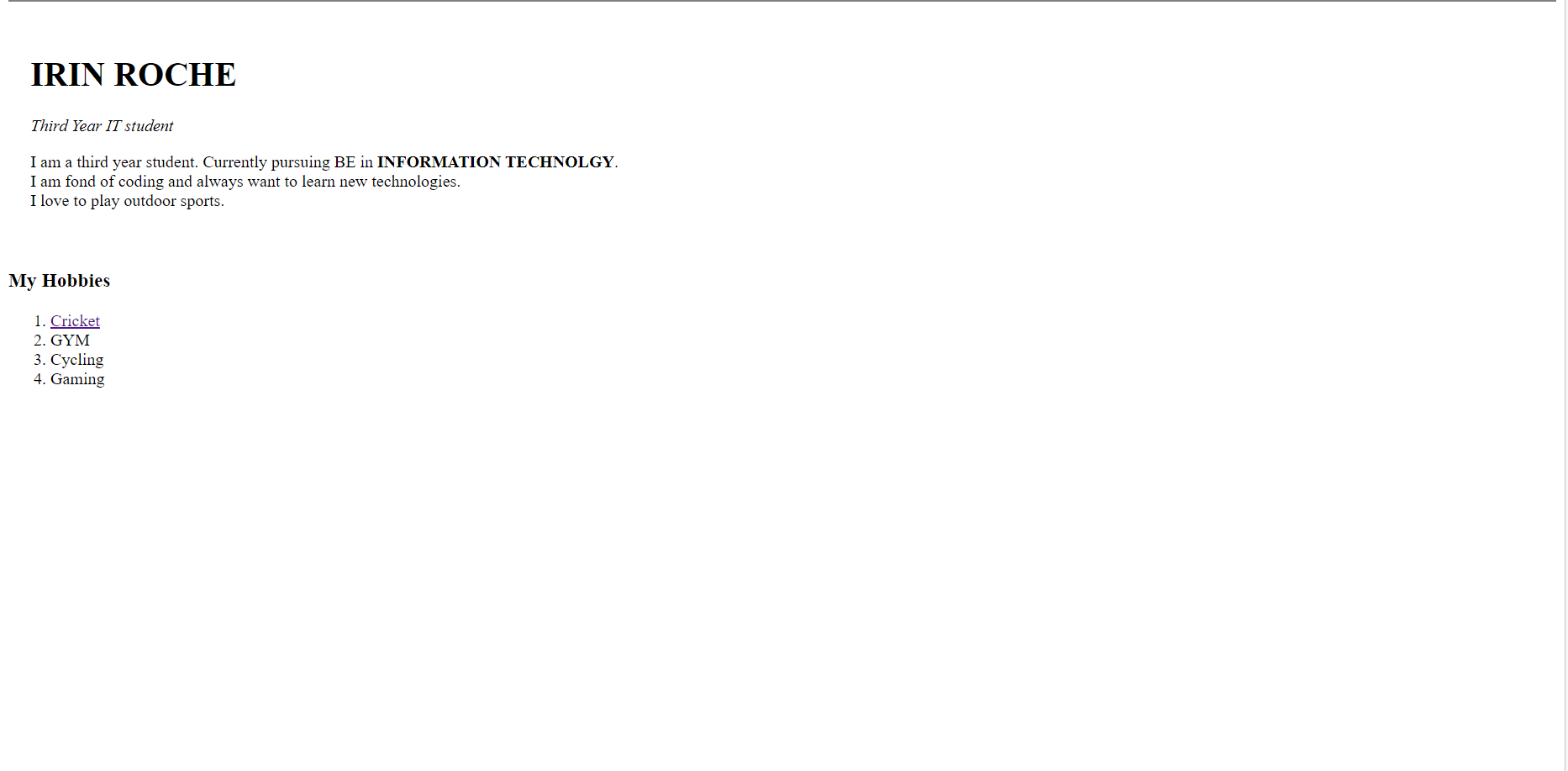
        <li><a href="https://www.bcci.tv/">Cricket</a> </li>

        <li>GYM</li>

        <li>Cycling</li>

        <li>Gaming</li>

    </ol>

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**Results:** A Basic HTML Web page using tags Head, Body, Hyperlink, Formatting styles, Images and Table is demonstrated successfully in this experiment.

**References:**

1. [HTML Introduction - GeeksforGeeks](https://www.geeksforgeeks.org/html-introduction/)
2. [HTML Styles (w3schools.com)](https://www.w3schools.com/html/html_styles.asp)