**WEB ENGERNING ASSIGNMENT 1**

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**Q1: What is Image Map Tag, Picture Element and How we can add image in background without using CSS? Give one Example of Each.**

**Ans**: What is Image Map Tag:

Definition and Usage

The <map> tag is used to define an image map. An image map is an image with clickable areas.

The required name attribute of the <map> element is associated with the <img>'s use map attribute and creates a relationship between the image and the map.

The <map> element contains a number of <area> elements, that defines the clickable areas in the image map.

**Code :**

**<!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>Muhammad Kashan</title>**

**</head>**

**<body background="C:\Users\Ex\Desktop\pic.jpg" width="1280" height="746">**

**</body>**

**</html>**

**Q2: List down all tags categories in HTML5 and HTML4?**

**HTML List Tags**

Tag Description

<ul> Defines an unordered list

<ol> Defines an ordered list

<li> Defines a list item

<dl> Defines a description list

<dt> Defines a term in a description list

<dd> Describes the term in a description list

**categories of HTML tags?**

Paired Tags.

Singular Tags.

Meta Tags.

Formatting Tags.

Page Structure tags.

Control Tags.

Interactive Tags.

Q2: Difference between HTML and XHTML ?

Answer:

HTML :

1.HTML tags are not extensible and are not case sensitive.

2.it can be run without ending properly like </p>

3.HTML can use open tags .

4.HTML is less expensive.

5.HTML is not mandatory for a single root element.

XHTML :

1.XHTML tags are extensible and it allows only lower case tags.

2.tags should be appear in pairs.

3.All unclosed tags must be closed in XHTML

4.XHTML is more expensive than HTML.

5.XHTML must contains at least one root element.