PRACTICAL ASSIGNMENT

WEB TECHNOLOGIES

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CLASS- B.C.A(AI/ML)

ROLL NO- 24/SCA/BCA(AI&ML)/025

GROUP-G1

QUESTION 1 **CREATE A SIMPLE HTML PAGE USING BASIC TAGS?**

<HTML>

<HEAD> INTRODUCTION

<TITLE >MRIIRS</TITLE>

</HEAD>

<BODY>

<H1>HELLO WORLD</H1>

</BODY>

</HTML>

HELLO WORLD

Q2= **Create a web page that displays your name to the screen?**

Ans=

<HTML>

<HEAD>

<TITLE> HELLO WORLD </TITLE>

</HEAD>

<body>

<H1> HARSH SAINI </h1>

</body>

</html>

HARSH SAINI   = OUTPUT

Q3= Create a web page and show the output from 1 to 10 in separate lines?

<HTML>

<HEAD>

<TITLE> HELLO WORLD </TITLE>

</HEAD>

<body>

1
 2
 3
 4
 5
 6
 7
 8
 9
 10

</body>

</html>

```
1
2
3
4
5
6
7
8
9
10
```

=OUTPUT

Q4= Create a webpage and show the output from 1 to 10 in separate lines, each number being in different color?

<HTML>

<HEAD>

<TITLE> HELLO WORLD </TITLE>

</HEAD>

<body>

 1

 2

 3

 4

```
<font color="brown"> 5 </font><br>

<font color="pink"> 6 </font><br>

<font color="orange"> 7 </font><br>

<font color="purple"> 8 </font><br>

<font color="grey"> 9 </font><br>

<font color="yellow"> 10 </font><br>




</body>

</html>
```

1
2
3
4
5
6
7
8
9
10
=OUTPUT

Q5= how to make a picture as a background on my web pages?

ANS= <HTML>

<HEAD>

<TITLE> HELLO WORLD </TITLE>

</HEAD>

<body>

<body background="C:\Users\student\Downloads/download.jpg">

</body>

</html>

= OUTPUT

Q6=Create a web page to print a paragraph with 4-5 sentences, each   sentences shall have a different font?

Ans= <html>

<head>

```
<title> BCA IB </title>

</head>

<body>

<h1>HARSH SAINI</h1>

<P>

<B>My name is harsh saini.</B><br>

<I>I am Currently studing in manav rachna international institute of research and science. It is situated in

Badkhal, Faridabad. </I>

<br> <U> My course that i am pursuing right now is BCA(AI/ML) </U>.

<br><B> My Hobbies are playing games and watching movies and playing football.</B><br>

</p>

</body>

</html>
```

HARSH SAINI

My name is harsh saini.
I am Currently studing in manav rachna international institute of research and science. It is situated in Badkhal, Faridabad.
<u>My course that i am pursuing right now is BCA(AI/ML)</u> .
My Hobbies are playing games and watching movies and playing football.

= OUTPUT

Q7=write a HTML code to print a paragraph that is description of a book,it

shall include the title of the book,title should be underlined?

STORY OF ANNABELLE

According to the Warrens, a student nurse was given the doll in 1970. They said that the doll behaved strangely, and that a psychic medium told the student that the doll was inhabited by the spirit of a deceased girl named "Annabelle". The student and her roommate tried to accept and nurture the spirit-possessed doll, but the doll reportedly exhibited malicious and frightening behavior. It was at this point that the Warrens say they were first contacted, moving the doll to their museum after pronouncing it demonically possessed. The doll remained in a glass box at The Warrens' Occult Museum in Monroe, Connecticut until the museum's closure over zoning violations.

Q8- Write a HTML code to print your name using heading tag, every letter shall be of different heading size?

<html>

<head>

<title>HARSH</title>

</head>

<body>

<h1>H</H1>

<H2>A</H2>

<H3>R</H3>

<H4>S</H4>

<H5>H</H5>

</BODY>

</HTML>

H

A

R

S

H

Q9:Write Html code to print the sequence of number 1-20. each no shall be in different line with number 2 next to it as subscript, an equal sign and the result?

ANS=

-
-
  ```
  <html>
  ```

```
<head>
```

```
<title>Number Sequence</title>
```

```
</head>
```

```
<body>
```

```
<p>1<sub>2</sub> = 1</p>
```

```
<p>2<sub>2</sub> = 4</p>
```

```
<p>3<sub>2</sub> = 9</p>

<p>4<sub>2</sub> = 16</p>

<p>5<sub>2</sub> = 25</p>

<p>6<sub>2</sub> = 36</p>

<p>7<sub>2</sub> = 49</p>

<p>8<sub>2</sub> = 64</p>

<p>9<sub>2</sub> = 81</p>

<p>10<sub>2</sub>    =    100</p>

<p>11<sub>2</sub>    =    121</p>

<p>12<sub>2</sub>    =    144</p>

<p>13<sub>2</sub>    =    169</p>

<p>14<sub>2</sub>    =    196</p>

<p>15<sub>2</sub>    =    225</p>

<p>16<sub>2</sub>    =    256</p>

<p>17<sub>2</sub>    =    289</p>

<p>18<sub>2</sub>    =    324</p>

<p>19<sub>2</sub>    =    361</p>

<p>20<sub>2</sub>    =    400</p>

</body>

</html>
```

OUTPT=

:

1_2 = 1

2_2 = 4

3_2 = 9

4_2 = 16

$5^2 = 25$

$6^2 = 36$

$7^2 = 49$

$8^2 = 64$

$9^2 = 81$

$10^2 = 100$

$11^2 = 121$

$12^2 = 144$

$13^2 = 169$

$14^2 = 196$

$15^2 = 225$

$16^2 = 256$

$17^2 = 289$

$18^2 = 324$

$19^2 = 361$

$20^2 = 400$

Q10-Write HTML code to display an image with border of size with width 200, height 200 pixels, leaving h space and v space of your choice with image hanging in the right side of the screen?

ANS=

- <HTML>

<head>

<title>Image Display</title>

<style>

img {

border: 2px solid black;

width: 250px;

height: 250px;

display: block;

margin-left: auto;

margin-right: 0;

margin-top: 20px;

margin-bottom: 20px; }

</style>

</head>

<body>

<img src="C:\Users\student\Downloads/jerry-zhang-nxu_VUcBVdA-unsplash.jpg" alt="Sample Image">

</body>

</html>

output=

Q11- Write a HTML code to ceate a webpage with heading the heading shall be displayed at the top-centre of the page and the image shall be at the centre, just below the heading.

ANS=

<html>

<head>

<title> centre image and heading</title>

```
<style>

body{

margin: 0;

text-align: center;

align-items: center;

</style>

</head>

<body>

<h1>AVENGERS ENDGAME</H1>

<img src="C:\Users\HARSH SAINI\Downloads/avengers endgame.jpg" alt="avengers endgame">

</body>

</html>
```
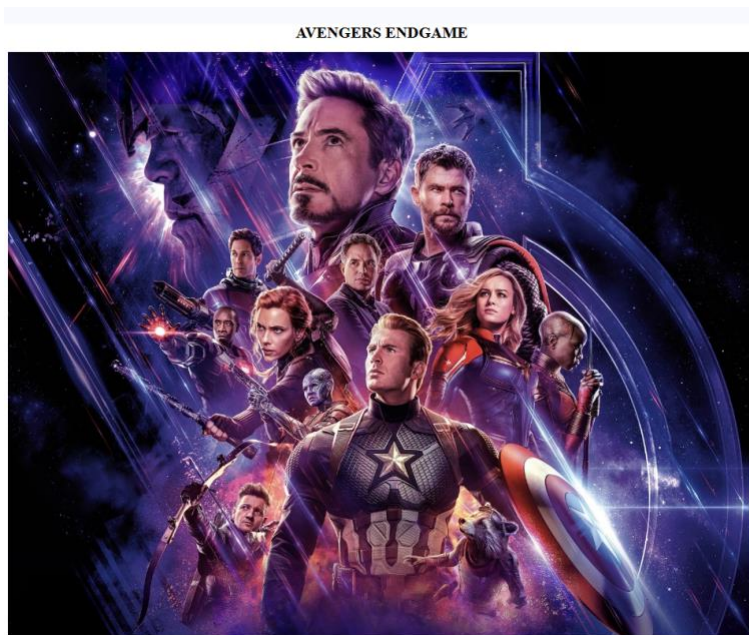

Q13- Create a Table using rowspan and colspan taking example of student record.

ANS=

```html
<html>
<head>
<title> 1st year class </title>
</head>
<body>
<h1> class data </h1>
<table border="2">
<tr>
<th> name</td>
<th> roll no</td>
<th> class</th>
</tr>
<tr>
<td >Harsh</td>
<td colspan="2">25</td>
</tr>
<tr>
<td> RIAZ</td>
<td> 39</td>
<td> BCA </td>
</tr>
</table>
</body>
</html>
```

class data

name	roll no	class
Harsh	25	
RIAZ	39	BCA

Q14- write a html code using table tag <table> and cellpadding and cell spacing as its attributes.

<html>

<head>

<title>Cellpadding and Cellspacing table</title>

</head>

<body>

<h1>Student Record</h1>

<table border="1" cellpadding="10" cellspacing="5">

<tr>

<th>rank</th>

<th>Name</th>

<th>Maths</th>

<th>webtech.</th>

<th>database</th>

</tr>

<tr>

<td>101</td>

<td>HARSH</td>

<td>80</td>

<td>85</td>

<td>78</td>

</tr>

<tr>

```
<td>102</td>

<td>RIAZ</td>

<td>88</td>

<td>90</td>

<td>82</td>

</tr>

<tr>

<td>103</td>

<td>ABHINAV</td>

<td>98</td>

<td>87</td>

<td>95</td>

</tr>

</table>

</body>

</html>
```

Student Record

rank	Name	Maths	webtech.	database
101	HARSH	80	85	78
102	RIAZ	88	90	82
103	ABHINAV	98	87	95

Q15- Create unordered, ordered and definition list taking examples of your subjects in MCA 1st 2nd and 3rd semester.

<html>

<head>

<title>MCA Subjects List</title>

</head>

<body>

<h1>MCA first three semester list</h1>

<h2>1st Semester Subjects</h2>

Data Structures

Programming in C

Computer fundamentals

Database Management Systems

Mathematics

<h2>2nd Semester Subjects</h2>

Software Engineering

Mathematics for computer science

Web Technologies

Advanced DBMS

Computer Organization and Architecture

<h2>3rd Semester Subjects</h2>

<dl>

<dt>Machine Learning</dt>

<dd>Machine learning is a subset of artificial intelligence that focus on developing algorithms and statistical modeks.</dd>

<dt>Cloud Computing</dt>

<dd>Cloud computing is the delivery of computing services over the internet, allowing users to access to store data and applications remotely rather than on local servers on personal computers.</dd>

<dt>Artificial Intelligence</dt>

<dd>Artificial intelligence refers to simulation of human intelligence in machine programmed to think, learn and problem solve like humans.</dd>

<dt>Big Data Analytics</dt>

<dd>Data analytics involves the systematic computational analysis of data sets to uncover patterns, trends, and insights that can inform decision-making.</dd>

<dt>Mobile Application Development</dt>

<dd>Mobile application development is the process of creating software applications that runs on mobile devices.</dd>

</dl>

</body>

</html>

MCA first three semester list

1st Semester Subjects

- Data Structures
- Programming in C
- Computer fundamentals
- Database Management Systems
- Mathematics

2nd Semester Subjects

1. Software Engineering
2. Mathematics for computer science
3. Web Technologies
4. Advanced DBMS
5. Computer Organization and Architecture

3rd Semester Subjects

Machine Learning
    Machine learning is a subset of artificial intelligence that focus on developing algorithms and statistical modeks.
Cloud Computing
    Cloud computing is the delivery of computing services over the internet, allowing users to access to store data and applications remotely rather than on local servers on personal computers.
Artificial Intelligence
    Artificial intelligence refers to simulation of human intelligence in machine programmed to think, learn and problem solve like humans.
Big Data Analytics
    Data analytics involves the systematic computational analysis of data sets to uncover patterns, trends, and insights that can inform decision-making.
Mobile Application Development
    Mobile application development is the process of creating software applications that runs on mobile devices.

Q17- Write a html code to design a form in html using controls and buttons such as teabox, textarea, password, submit button, browse button, drop down menu

ANS=

<html>

<head>

<title>registration form basic</title>

</head>

<body>

```
<h1>basic registration form</h1>

<form>

NAME

<input type="text"/><br>

EMAIL

<input type="email"/>

create password

<input type="password"/><br>

address<br>

<textarea rows="10" cols="50"></textarea><br>

<button>submit</button>

</form>

</body>

</html>
```

basic registration form

NAME [   ]
EMAIL [   ]   create password [   ]
address
[   ]
[   ]
[   ]
[submit]

Q19-Write html cod to design a student admission form in html.

ANS=

```
<HTML>

<HEAD>

<title>form</title>

</head>
```

```html
<body>

<h1>ADMISSION FORM</H1>

<FORM ACTION="https://www.codewithharry.com">

<fieldset>

<legend><font><b>UNIVERSITY REGISTRATION FORM</b></font></legend>

<B>First Name:</B>

<input type="text"/>

<B>Last Name:</B>

<input type="text"/><br>

<B>Father's Name:</B>

<input type="text"/>

<B>Mother's Name:</B>

<input type="text"/><br>

<B>Email:</B>

<input type="email"/><br>

<b>Phone.No-</b>

<input type="NUMBER" max length="10"/><BR><BR>

<b>10th MARKSHEET-</B>

<INPUT TYPE="FILE">

<B>12TH MARKSHEET-</B>

<INPUT TYPE="FILE"><BR>

<B> MIGRATION</B>

<INPUT TYPE="FILE">

<B> CHARACTER</B>

<INPUT TYPE="FILE"><BR><BR>

<B>GENDER</B><BR>

<INPUT TYPE="RADIO" NAME="GENDER">MALE<BR>

<INPUT TYPE="RADIO" NAME="GENDER">FEMALE<BR>

<INPUT TYPE="RADIO" NAME="GENDER">OTHER<BR>

<B><FONT SIZE="4">BACHELOR'S COURSE-</FONT></B><BR>

<INPUT TYPE="RADIO" NAME="COURSE">B.TECH<BR>
```

```html
<INPUT TYPE="RADIO" NAME="COURSE">BSC<BR>

<INPUT TYPE="RADIO" NAME="COURSE">BBA<BR>

<INPUT TYPE="RADIO" NAME="COURSE">BCA<BR>

<INPUT TYPE="RADIO" NAME="COURSE">BSC/IT<BR><BR>

<B>EXTRA ACTIVITIES</B><BR>

<INPUT TYPE="CHECKBOX" NAME="ACTIVITIES">SPORTS<BR>

<INPUT TYPE="CHECKBOX" NAME="ACTIVITIES">DANCE<BR>

<INPUT TYPE="CHECKBOX" NAME="ACTIVITIES">GAMING<BR>

<INPUT TYPE="CHECKBOX" NAME="ACTIVITIES">CODING<BR>

<INPUT TYPE="CHECKBOX" NAME="ACTIVITIES">ACTING<BR>

<INPUT TYPE="CHECKBOX" NAME="ACTIVITIES">MUSIC<BR>

<INPUT LIST="SECTION" NAME="SECTION">

<DATALIST ID="SECTION">

<OPTION VALUE="1A">

<OPTION VALUE="2B">

<OPTION VALUE="23S">

<OPTION VALUE="44D">

</DATALIST>

<select id="section" name="section">

<option value="A">A</option>

<option value="B">B</option>

<option value="C">C</option>

<option value="D">D</option>

</select>

<B>DOB:</B>

<INPUT TYPE="DATE" MAX="2008" MIN="2003"/><BR><BR>

<B><FONT SIZE="5">INTRODUCTION</FONT></B><BR>

<TEXTAREA ROWS="10" COLS="50"></TEXTAREA><BR><BR>

<BUTTON type>SUBMIT</BUTTON>

<BUTTON>RESET</BUTTON>

</FIELDSET>
```

</form>

</body>

</html>

ADMISSION FORM

UNIVERSITY REGISTRATION FORM

First Name: [_____] **Last Name:** [_____]
Father's Name: [_____] **Mother's Name:** [_____]
Email: [_____]
Phone.No- [_____]

10th MARKSHEET- Choose File No file chosen   **12TH MARKSHEET-** Choose File No file chosen
MIGRATION Choose File No file chosen   **CHARACTER** Choose File No file chosen

GENDER
○ MALE
○ FEMALE
○ OTHER
BACHELOR'S COURSE-
○ B.TECH
○ BSC
○ BBA
○ BCA
○ BSC/IT

EXTRA ACTIVITIES
☐ SPORTS
☐ DANCE
☐ GAMING
☐ CODING
☐ ACTING
☐ MUSIC
[_____] [A ▾] **DOB:** [dd-mm-yyyy]

INTRODUCTION

[   ]

SUBMIT   RESET