

PRACTICAL ASSIGNMENT

Class : Bca (AI\ML) 1B

NAME= Raghav Verma

Group:1

Q1= Create a simple html tag using basic tags?

```
<HTML>
```

```
<HEAD>
```

```
<TITLE> HELLO WORLD </TITLE>
```

```
</HEAD>
```

```
<body>
```

```
<H1> Your Name </h1>
```

```
</Body>
```

```
</html>
```

Your Name

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

```
<HTML>
```

```
<HEAD>
```

```
<TITLE> HELLO WORLD </TITLE>
```

```
</HEAD>
```

```
<body>
<H1> RAGHAV VERMA </h1>
</body>
</html>
```

RAGHAV VERMA

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<br> 2<br> 3<br> 4<br> 5<br> 6<br> 7<br> 8<br> 9<br> 10<br>

</body>

</html>
```

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

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>
```

```
<font color="red"> 1 </font><br>
```

```
<font color="blue"> 2 </font><br>
```

```
<font color="green"> 3 </font><br>
```

```
<font color="black"> 4 </font><br>
```

```
<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

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

ANS=

<HTML>

<HEAD>

<TITLE> HELLO WORLD </TITLE>

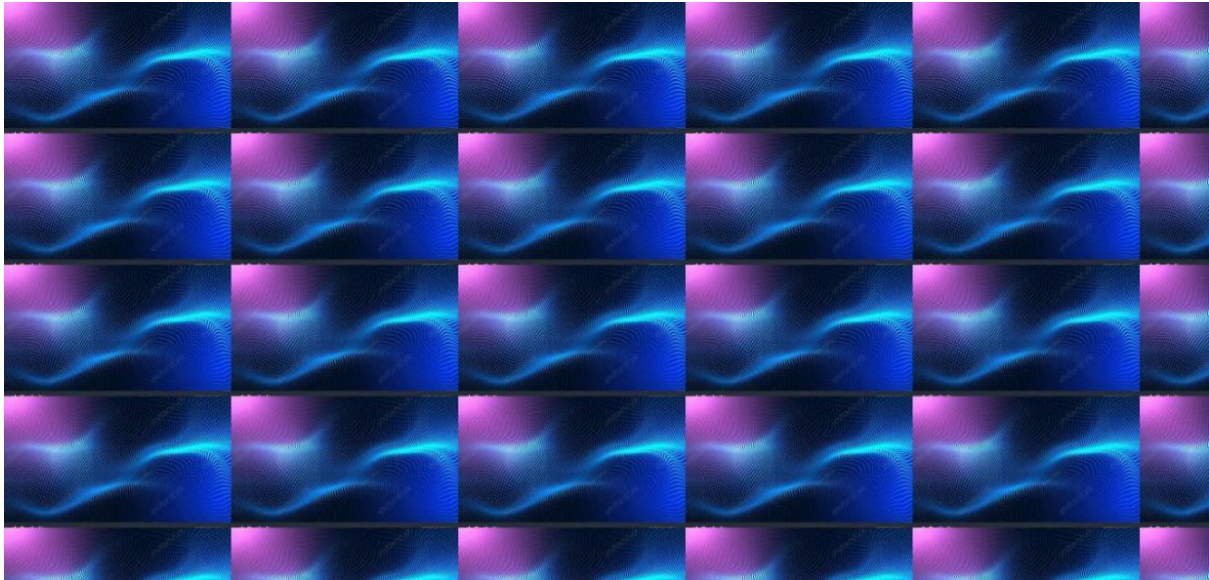
</HEAD>

<body>

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

```
</body>
```

```
</html>
```



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>Raghav Verma</h1>
```

```
<P>
```

My name is raghav verma

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

Badkhal, Faridabad. </I>

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

 My Hobbies are singing and watching movies and sometimes i go to play

Football with My friends.

</p>

</body>

</html>

Raghav Verma

My name is raghav verma

I am Currently studing in manav rachna international institute of research and science. It is situated in Badkhal, Faridabad.

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

My Hobbies are singing and watching movies and sometimes i go to play Football with My friends.

Q7=write HTML code to print a paragraph that is described of a book, it shall include the title should be underlined and all adjectives shall be bold and italics?

<HTML>

<HEAD>

<TITLE>BOOK </title>

</head>

<Body>

<H1><u> Title Of The Book: Harry potter</u></H1>

<p><i> Author Name: J.K Rowling
</i>

<i>Harry Potter is a series of novels by British author J. K. Rowling. The novels follow Harry Potter,

an 11-year-old boy who discovers he is the son of famous wizards and will attend Hogwarts School of Witchcraft and Wizardry.

Harry learns of an entire society of wizards and witches. He befriends several Hogwarts students and teachers along his journey.

Each novel chronicles one year in Harry's life and

his adventures discovering the events that led to his parents' deaths at the hands of Lord Voldermort, a dark wizard believed long dead.</i></P>

</p>

</body>

</html>

Title Of The Book: Harry_potter

Author Name: J.K Rowling

Harry Potter is a series of novels by British author J. K. Rowling. The novels follow Harry Potter, an 11-year-old boy who discovers he is the son of famous wizards and will attend Hogwarts School of Witchcraft and Wizardry. Harry learns of an entire society of wizards and witches. He befriends several Hogwarts students and teachers along his journey. Each novel chronicles one year in Harry's life and his adventures discovering the events that led to his parents' deaths at the hands of Lord Voldermort, a dark wizard believed long dead.

<HTML>

<HEAD>

<Title> Raghav Verma </Title>

</HEAD>

<BODY>

<H1> R</h1>

<H2> A</h2>

<H3> G</h3>

<H4> H</h4>

<H5> A</h5>

<H6> V</h6>

<H1> E</h1>

<H2> R</h2>

<H3> M</h3>

<H4> A</h4>

</body>

</html>

R

A

G

H

A

V

E

R

M

A

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>1² = 1</p>

<p>2² = 4</p>

<p>3² = 9</p> <p>4² = 16</p> <p>5² =

25</p> <p>6² = 36</p> <p>7² = 49</p> <p>8²

= 64</p> <p>9² = 81</p>

<p>10² = 100</p> <p>11² = 121</p> <p>12² =

144</p> <p>13² = 169</p> <p>14² = 196</p>

<p>15² = 225</p> <p>16² = 256</p> <p>17² =

289</p> <p>18² = 324</p> <p>19² = 361</p>

<p>20² = 400</p> </body>

</html>

Output:

$$1_2 = 1$$

$$2_2 = 4$$

$$3_2 = 9$$

$$4_2 = 16$$

$$5_2 = 25$$

$$6_2 = 36$$

$$7_2 = 49$$

$$8_2 = 64$$

$$9_2 = 81$$

$$10_2 = 100$$

$$11_2 = 121$$

$$12_2 = 144$$

$$13_2 = 169$$

$$14_2 = 196$$

$$15_2 = 225$$

$$16_2 = 256$$

$$17_2 = 289$$

$$18_2 = 324$$

$$19_2 = 361$$

$$20_2 = 400$$

Q10. write an html code to display an image with border of size with width 200 height 200 pixels , leaving Hspace and Vspace of your choice with image hanging in the right side on 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>



</body>

</html>
```

Output:



Q11: write a html code to create a web page 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 .

INPUT- <html>

<head>

<title>Centered Heading and Image</title>

<style>

body {

margin: 0;

font-family: Arial, sans-serif;

text-align: center;

justify-content: center;

```
align-items: center;
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1>The Triumph of India 2024</h1>
```

```

```

```
</body>
```

```
</html>
```

Output:

Eiffel Tower



Q12. Write HTML code using Multimedia tags.

```
<html>
```

```
<head>
```

```
<title> multimedia tags</title>
```

```
</head>
```

```
<body>
```

```
<h1> multimedia tags: </h1>
```

```
<h1>img</h1>
```

```
<center>
```

```

```

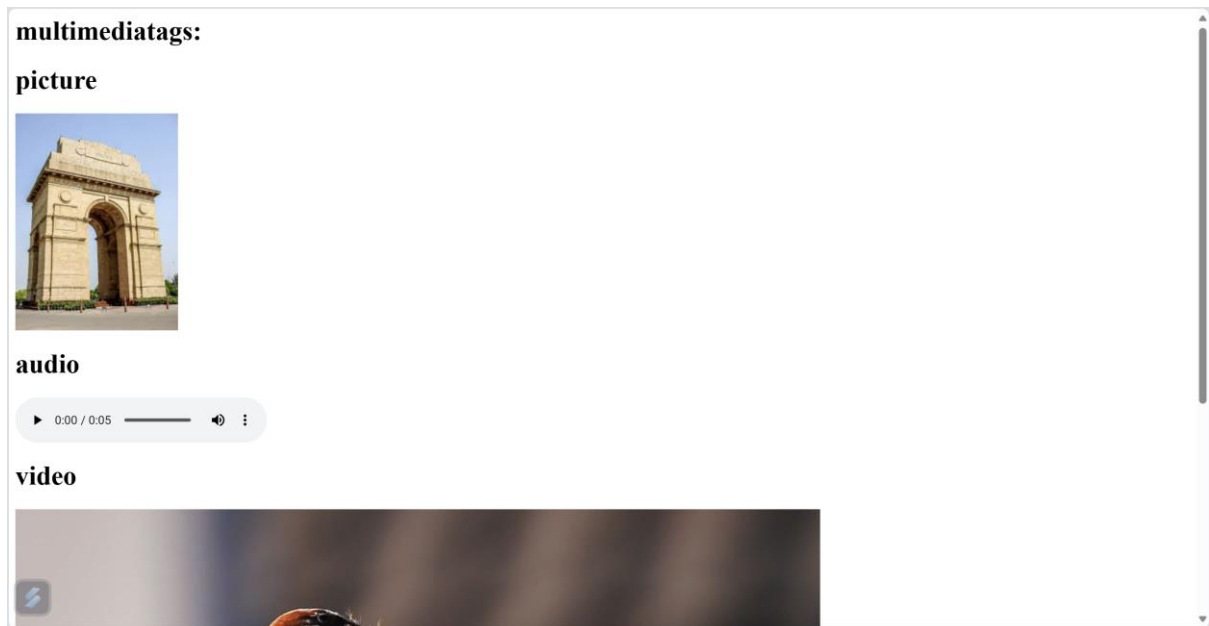
```
<h1> audio </h1>
```

```
<audio src="C:\Users\Riaz\Downloads\ringtone.mp3" controls/>
```

```
</body>
```

```
</html>
```

Output:



Video tag:

```
<html>
```

```
<head>
```

```
<title> multi media tags</title>
```

```
</head>
```

```
<body>
```

```
<video src="C:\Users\Riaz\Downloads/vidio.mp4" width="720" height="480"
```

```
alt="vidio" controls="control">
```

```
</video>
```

```
</body>
```

```
</html>
```

```
/
```


Q13: Create a Table using Rowspan and Colspan taking example of student

Record?

Ans:

1. rowspan

```
<html>
```

```
<head>
```

```
<title> my world </title>
```

```
</head>
```

```
<body>
```

```
<h1> table </h1>
```

```
<table border="2">
```

```
<tr>
```

```
<th> name</td>
```

```
<th> roll no</td>
```

```
</tr>
```

```
<tr>
```

```
<td >raghav</td>
```

```
<td rowspan="2">23</td>
```

```
</tr>
```

```
<tr>
```

```
<td> abhinav</td>
```

```
</tr>
```

```
</table>
```

```
</body>
```

```
</html>
```

table

name	roll no
raghav	23
abhinav	

Colspan:

```
<html>
```

```
<head>
```

```
<title> my world </title>
```

</head>

<body>

<h1> table </h1>

<table border="2">

<tr>

<th> name</td>

<th> roll no</td>

<th> class</th>

</tr>

<tr>

<td >raghav</td>

<td colspan="2">23</td>

</tr>

<tr>

<td> monu</td>

<td> 24</td>

<td> bca </td>

</tr>

</table>

`</body>`

`</html>`

table

name	roll no	class
raghav	23	
monu	24	bca

Q14: Write HTML code using table tag `<table>` and cellpadding and cellspacing as its attributes?

`<html>`

`<head>`

`<style>`

`table, th, td {`

`padding : 15;`

`Spacing : 15;`

`}`

`</style>`

`</head>`

<body>

<table border="1">

<tr>

<th> Name </th>

<th> Class </th>

<th> Roll No. </th>

</tr>

<tr>

<td> Raghav</td>

<td> 1B </td>

<td> 39 </td>

</tr>

<tr>

<td> abhinav </td>

<td> 1B </td>

<td> 40 </td>

</tr>

</table>

</body>

</html>

Name	Class	Roll No.
Raghav	1B	39
abhinav	1B	40

Q15: Create unordered, ordered and definition Lists taking example of your subjects in MCA IST, IInd and IIIrd Semester?

ORDERED LIST

MCA IST

- Computer Organization & Architecture
- Discrete Mathematics
- Problem Solving using C
- Physical Education
- Fundamental of Computers & Emerging Technologies

MCA 2nd Year

Operating Systems

1. Systems Software
2. Software Engineering & TQM
3. Unix and Shell Programming
4. Graphics & Multimedia
5. Physical Education
6. Intelligent Systems and Database Management System

3d semester

Artificial Intelligence

Artificial intelligence (AI) refers to computer systems capable of performing complex tasks that historically only a human could do, such as reasoning, making decisions, or solving problems.

Compiler Design

The compiler is software that converts a program written in a high-level language (Source Language) to a low-level language (Object/Target/Machine Language (0, 1's).

Software Engineering

Software Engineering is the process of designing, developing, testing, and maintaining software. It is a systematic and disciplined approach to software development that aims to create high-quality, reliable, and maintainable software.

Web Technology

Web technology is a method of communication unique to computers through the use of binary codes and directions. Learn the definition and trends of web technology through examples.

Data Analytics

Data analytics, also known as data analysis, is a crucial component of modern business operations. It involves examining datasets to uncover useful information that can be used to make informed decisions. This process is used across industries to optimize performance, improve decision-making, and gain a competitive edge.

Q17:Write HTML code to design a form in HTML using controls and buttons such as

Textbox , Text area,

password, submit button, browse button, drop-down menu?

Ans: <html>

<body>

<h1> FORM </h1>

<fieldset>

<label for="name">Name:</label>

<input type="text" id="name" name="name" required/>

<label for="name">Name:</label>

<input type="text" id="name" name="name" required/>

<label for="Password">Password:</label>

<input type="Password" id="Password" name="Password" required/>

<label for="file">File</label>

<input type="file" id=" file " name=" file " required/>

<h3> text area</h3>


```
<textarea cols="50" rows="5"/></textarea><br><br>
```

```
<button type="submit">Submit</button>
```

```
<button type="reset">Reset</button><br><br>
```

```
<select id="cars" name="cars">
```

```
<option value="Creta" id="cars" name="cars">Creta</option>
```

```
<option value="Brezza" id="cars" name="cars">Brezza</option>
```

```
<option value="Mustang" id="cars" name="cars">Mustang</option>
```

```
</select>
```

```
</fieldset>
```

```
</form>
```

```
</body>
```

```
</html>
```

FORM

Name:

Name:

Password:

File No file chosen

text area

▼

Q18) Write HTML code to design a Registration Form in HTML.

<html>

<head>

<title>Registration form for Hackathon</title>

</head>

<body>

<form>

<fieldset>

<legend>Hackathon Registration</legend>

**Name
**

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

**Email id
**

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

**Age
**

<input type="radio" name="rad" /> 17-19

<input type="radio" name="rad" /> 19-21

**<input type = "radio" name="rad" />21-24
**

**Languages available
**

<input type="checkbox" name="check" />Html

<input type="checkbox" name="check" />Css

**<input type="checkbox" name="check" />Java
**

<button>Submit</button>

<button>Reset</button>

</fieldset>

</form>

</body>

</html>

Hackathon Registration

Name

Email id

Age
☐ 17-19 ☐ 19-21 ☐ 21-24

Languages available
☐ Html ☐ Css ☐ Java

Q19) Write HTML code to design a student admission Form in HTML.

<html>

<head>

<title>College Registration form</title>

</head>

<h1>College Registration Form</h1>

<body>

<Form>

<fieldset>

**Full name
**

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

**Age
**

<input type="radio" name="rad"/>17-19

<input type="radio" name="rad"/>19-21

**<input type="radio" name="rad"/>21-24
**

**Gender
**

☐Male

☐Female

☐Others

Date of Birth:

Phone number

Father's Contact number

Mother's Contact number

Email id

Address

Qualification

☐12th pass

☐Graduation

Cbse 12th Marksheet

`<input type="file"/>
`

`Choose Course
`

`<input type="checkbox" name="check"/>BCA`

`<input type="checkbox" name="check"/>B.Tech.`

`<input type="checkbox" name="check"/>B.com`

`<input type="checkbox" name="check"/>Bba
`

`<button>Submit</button>`

`<button>Reset</button>`

College Registration Form

Full name	<input type="text"/>
Age	<input type="radio"/> 17-19 <input type="radio"/> 19-21 <input type="radio"/> 21-24
Gender	<input type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Others
Date of Birth:	<input type="text" value="dd-mm-yyyy"/>
Phone number	<input type="text"/>
Father's Contact number	<input type="text"/>
Mother's Contact number	<input type="text"/>
Email id	<input type="text"/>
Address	<input type="text"/>
Qualification	<input type="radio"/> 12th pass <input type="radio"/> Graduation
Cbse 12th Marksheet	<input type="button" value="Choose File"/> No file chosen
Choose Course	<input type="checkbox"/> BCA <input type="checkbox"/> B.Tech. <input type="checkbox"/> B.com <input type="checkbox"/> Bba
	<input type="button" value="Submit"/> <input type="button" value="Reset"/>



Q20) Create a proper home page of your own using any components and styles.

`<html>`

`<head>`

`<style>`

```
<html>
```

```
<head>
```

```
<style>
```

```
H1 {
```

```
    text-align: left;
```

```
    color: black;
```

```
}
```

```
p {
```

```
    text-align: center;
```

```
    color: purple;
```

```
}
```

```
#para1{ text-align: right;
```

```
    color:brown;
```

```
    }
```

```
.center{ text-align: center;
```

```
    color: grey;
```

```
    }
```

</style>

</head>

<body>

<h1> LINKEDIN </H1>

<p id ="para1">Connect to opportunity.</p>

<p class="center">Unlock your potential</p>

<p> Free trial for 3 months</p>

</body>

</html>

LINKEDIN

Connect to opportunity.

Unlock your potential

Free trial for 3 months

