Web Technologies Assignment 1

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Class – B.CA (AI /ML) GROUP-1

Q1. Create a simple html using basic tags.

 Input:

<html>

<head><title>My first page </title>

</head>

<body> I like to watch movies and anime on my weekends. I also enjoy listening to music. </body>

</html>

OUTPUT :-

A screenshot of a computer

Description automatically generated

Q2. Create web page that displays your name to the screen.

Input:

<html>

<head><title>My first page </title>

</head>

<body> Dev Rawat from B.CA (AI/ML)</body>

</html>

OUTPUT:-

A screenshot of a computer

Description automatically generated

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

Input:

<html>

<head><title>My first page </title>

</head>

<body> 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10</body>

</html>

Output:

A screenshot of a computer

Description automatically generated

Q4. Create a web page and show the output from 1 to 10 in separate lines, each number being in different color.

Input:

<html>

<head><title>My first page </title>

</head>

<body> 1<br><font color='red'>2<br><font color='green'>3<br><font color='blue'>4<br><font color='orange'>5<br><font color='pink'>6<br><font color='brown'>7<br><font color='yellow'>8<br><font color='cyan'>9<br><font color='purple'>10</body>

</html>

Output:

A screenshot of a computer

Description automatically generated

Q5. How do I make a picture as a background on my web pages?

Input:

<html>

<head><title>My first page </title>

</head>

<body background="C:\Users\DEV RAWAT\Downloads\balba.jpg">

1<br><font color='red'>2<br><font color='green'>3<br><font color='blue'>4<br><font color='orange'>5<br><font color='pink'>6<br><font color='brown'>7<br><font color='yellow'>8<br><font color='cyan'>9<br><font color='purple'>10</body>

</html>

Output:

A screenshot of a computer screen

Description automatically generated

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

Input:

<html>

<head><title>My first page </title>

</head>

<body><font face="arial">Cricket is a bat-and-ball game that is played between two teams of eleven players on a field,<br></font>

 <font face="georgia">at the centre of which is a 22-yard (20-metre; 66-foot) pitch with a wicket at each end,<br></font>

 <font face="impact">each comprising two bails balanced on three stumps.<br></font>

 <font face="courier">Two players from the batting team (the striker and nonstriker) stand in front of either wicket holding bats,</font>

 <font face="gill sans">with one player from the fielding team (the bowler) bowling the ball towards the striker's wicket from the opposite end of the pitch.</font>

 </body>

</html>

Output:

A screenshot of a computer

Description automatically generated

Q7. Write HTML code to print a paragraph that is description of a book, it shall include the title should be underlined and all adjectives shall be bold and italics.

Input:

<html>

<head>

<title> Description </title>

</head>

<body>

<center><h1>ERASED</h1></center> <br>

<h2><b><i> KEI SANBE </i></b></h2><br>

Erased, known in Japan as Boku dake ga Inai Machi (僕だけがいない街, lit. "The Town Where Only I Am Missing"; abbr. 僕街, BokuMachi), is a Japanese manga series written and illustrated by Kei Sanbe. It was serialized in Kadokawa Shoten's Young Ace magazine from June 2012 to March 2016, and is licensed in English by Yen Press. An anime adaptation by A-1 Pictures aired on Fuji TV's Noitamina programming block from January to March 2016, and a live action film was released in March 2016. A live-action drama series was released by Netflix in December 2017. A spin-off manga was published from June to November 2016 and the spin-off novel series by Hajime Ninomae was released in Kadokawa's Bungei Kadokawa magazine from November 2015 to March 2016.

- <u> ERASED </u> IS ONE OF BEST TIME TRAVELING STORY <u> PLOT WRITING </u> WAS <b> <u> AMAZING </b> </u>.

</body>

</html>

Output:

A screen shot of a computer

Description automatically generated

Q8. Write HTML code to print your name using Heading tag, every letter shall be of different heading size.

Input:

<html>

<head>

</head>

<body>

<h1>D</h1><H2>E</H2><H3>V</H3><BR><H4>R</H4><H5>A</H5><H6>W</H6><H1>A</H1><H2>T</H2>

</body>

</html>

Output:

A screenshot of a computer

Description automatically generated

Q9. Write HTML code to print the sequence of numbers 1 – 20. Each number shall be in different line with number 2 next to it as subscript, an equal sign and the result.

Input:

<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>

Output:

A computer screen shot of a computer

Description automatically generated

Q10. Write 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.

Input:

<html>

<head>

<title>

</title>

</head>

<body>

<img src="C:\Users\DEV RAWAT\Downloads\balba.jpg" width="200"height="200"border="5px" align="right">

</body>

</html>

Output:

A screenshot of a computer

Description automatically generated

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

Input :

<html>

<head>web page </head>

<body>

<center><h1>POKEMON</h1></center>

<center><img src ="C:\Users\DEV RAWAT\Downloads\balba.jpg" height="300"width="300"></center></body>

</html>

Output:

A screenshot of a video game

Description automatically generated

Q12. Write HTML code using Multimedia tags.

Input:

<html>

<head> <title> multimedia tags</title>

</head> <body>

<h1> multimedia tags: </h1><h1>img</h1>

<img src="C:\Users\DEV RAWAT\Downloads\balba.jpg" alt="POKEMON" height="450" , width="450"/> <h1> audio </h1><audio src="C:\Users\USER\Downloads/ringtone.mp3" controls/></body>

</html>

OUTPUT:-

A screenshot of a video game

Description automatically generated

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

Input:

<html>

<head></head>

<body>

<table border='4pt'>

<tr>

<th colspan='2'>Name</th>

<th>class</th>

<th>school</th></tr>

<tr>

<td rowspan='2'>mahatma</td>

<td rowspan='2'>gandhi</td>

<td> 11</td>

<td>mvps</td></tr>

<tr>

<td>A</td></tr>

<tr>

<td rowspan='2'>shree</td>

<td rowspan='2'>krishna</td>

<td> 3</td>

<td>nvps</td></tr>

<tr>

<td>B</td></tr>

<tr>

Q14.Write HTML code using table tag <table> and cellpadding and cell spacing as its attributes.

Input:

<html>

<head></head>

<body>

<table border="2pt" cellspacing="5pt" cellpadding="5pt">

<tr>

<th>S.no</th>

<th>Roll no.</th>

<th>Name</th>

<th>Address</th></tr>

<tr>

<td>1</td>

<td>123</td>

<td>ABC</td>

<td>FBD</td></tr>

<tr>

<td>2</td>

<td>456</td>

<td>XYZ</td>

<td>delhi</td></tr>

<tr>

<td>3</td>

<td>789</td>

<td>PQR</td>

<td>gurgaon</td></tr>

</table></body>

</html>

Output :

A screenshot of a computer

Description automatically generated

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

<html>

<head></head>

<body>

<h3> Subjects in BCA sem 1</h3>

<ol>

<li>Web technologies</li>

<ul>

<li>introduction to Networks</li>

<li>introduction to e-mail</li>

<li>introduction to html</li>

</ul>

<li>Introduction to IT & programming in C</li>

<ul>

<li>Input output devices</li>

<li>compilers,Interpreters,assemblers</li>

<li>various programs in C</li>

</ul>

<li>Mathematics</li>

<ul>

<li>matrices</li>

<li>surds and insurdes</li>

<li>trigonometry</li><ul><ol>

</body></html>

Output :

A screenshot of a computer

Description automatically generated

Q17Write HTML code to design a form in HTML using controls and buttons such as Teaxtbox, Textarea, password, submit button, browse button, drop-down menu

Input :

<!DOCTYPE html>

<html>

<head>

<title>Form with Various Controls</title>

</head>

<body>

<h1>Registration Form</h1>

<form action="submit.php" method="post" enctype="multipart/form-data">

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

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

<label for="email">Email:</label>

<input type="email" id="email" name="email" required><br><br>

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

<input type="password" id="password" name="password" required><br><br>

<label for="profile\_pic">Profile Picture:</label>

<input type="file" id="profile\_pic" name="profile\_pic"><br><br>

<label for="country">Country:</label>

<select id="country" name="country">

<option value="india">India</option>

<option value="usa">USA</option>

<option

value="uk">UK</option>

</select><br><br>

<label for="message">Message:</label>

<textarea id="message" name="message" rows="5" cols="30"></textarea><br><br>

<input type="submit" value="Submit">

<input type="reset" value="Reset">

</form>

</body>

</html>

Output:

A computer screen with a white background

Description automatically generated

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

Input:

<!DOCTYPE html>

<html>

<head>

<title>POKEMON TCG FORM</title>

</head>

<body>

<h1>POKEMON TCG FORM </h1>

<form action="submit.php" method="post">

<label for="first\_name">Participant Name</label><br>

<input type="text" id="first\_name" name="first\_name" placeholder="First"><br>

<input type="text" name="last\_name" placeholder="Last"><br><br>

<label for="age">Age</label><br>

<input type="number" id="age" name="age"><br><br>

<label for="grade">Grade</label><br>

<select id="grade" name="grade">

<option value="">Please select</option>

<option value="1">1</option>

<option value="2">2</option>

</select><br><br>

<label for="school\_district">School District</label><br>

<input type="text" id="school\_district" name="school\_district"><br><br>

<label for="shirt\_size">Shirt Size</label><br>

<select id="shirt\_size" name="shirt\_size">

<option value="">Please select</option>

<option value="s">Small</option>

<option value="m">Medium</option>

<option value="l">Large</option>

<option value="xl">Extra Large</option>

</select><br><br>

<label for="parent\_first\_name">Parent Name</label><br>

<input type="text" id="parent\_first\_name" name="parent\_first\_name" placeholder="First"><br>

<input type="text" name="parent\_last\_name" placeholder="Last"><br><br>

<label for="emergency\_contact">Emergency Contact</label><br>

<input type="text" id="emergency\_contact" name="emergency\_contact"><br><br>

<input type="submit" value="Submit">

</form>

</body>

</html>

Output:

A screenshot of a computer

Description automatically generated

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

Input:

<!DOCTYPE html>

<html>

<head>

<title>Student Admission Form</title>

</head>

<body>

<h1>Student Admission Form</h1>

<form action="submit.php" method="post">

<label for="student\_name">Student Name</label><br>

<input type="text" id="student\_name" name="student\_name" required><br><br>

<label for="date\_of\_birth">Date of Birth</label><br>

<input type="date" id="date\_of\_birth" name="date\_of\_birth" required><br><br>

<label

for="gender">Gender</label><br>

<input type="radio" id="male" name="gender" value="male">

<label for="male">Male</label>

<input type="radio" id="female"

name="gender" value="female">

<label for="female">Female</label><br><br>

<label for="address">Address</label><br>

<textarea id="address" name="address"

rows="5" cols="30" required></textarea><br><br>

<label for="phone\_number">Phone Number</label><br>

<input type="tel" id="phone\_number" name="phone\_number" required><br><br>

<label for="email">Email</label><br>

<input type="email" id="email" name="email" required><br><br>

<label for="class">Class</label><br>

<select id="class" name="class" required>

<option value="">Please select</option>

<option value="1">1</option>

<option value="2">2</option>

</select><br><br>

<label for="guardian\_name">Guardian Name</label><br>

<input type="text" id="guardian\_name" name="guardian\_name" required><br><br>

<label for="guardian\_contact">Guardian Contact</label><br>

<input type="tel" id="guardian\_contact" name="guardian\_contact" required><br><br>

<input type="submit" value="Submit">

</form>

</body>

</html>

Output:

A screenshot of a computer

Description automatically generated

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

<HTML>

<HEAD>

<STYLE>

BODY {

background-image: URL('papers.co-ad28-cute-pokemon-illust-29-wallpaper.jpg');

BACKGROUND-SIZE: AUTO;

}

#HEADING {

BACKGROUND-COLOR: RED;

TEXT-ALIGN: CENTER;

}

</STYLE>

<TITLE>POKEMON WORLD</TITLE>

</HEAD>

<BODY>

<H1 ID = "HEADING"> THIS PAGE IS ABOUT MY POKEMON TEAM </H1>

<P CLASS = "PARA">MY 6 FAVOURITE POKEMON OF ALL TIMES ARE :- <UL><LI>GARDEVIOR</LI><LI>ZERAORA</LI><LI>MEWTWO</LI><LI>SCEPTILE</LI><LI>PREMARINA</LI><LI>LUCARIO</LI></UL></P>

<H2 ID = "HEADING"> HERE ARE LINKS FOR MORE INFO </H2>

<P CLASS = "PARA"> <ul>

<li><a href="index.html">GARDEVIOR</a></li>

<li><a href="about.html">ZERAORA</a></li>

<li><a href="projects.html">SCEPTILE</a></li>

<li><a href="contact.html">MEWTWO</a></li>

<li><a href="projects.html">LUCARIO</a></li>

<li><a href="contact.html">PREMERINA</a></li>

</ul></P>

</BODY>

</HTML>

OUTPUT:-

A screenshot of a computer

Description automatically generated