

Assignment – 1

Assignment Date	29 September 2022
Student Name	VIJAYALAKSHMI.D
Student Roll No	812419104073
Maximum Marks	2 Marks

Question-1:

Try and execute the programs below

- A. Chessboard
B. Tic-tac-toe

Solution:

A. Source code for Chessboard

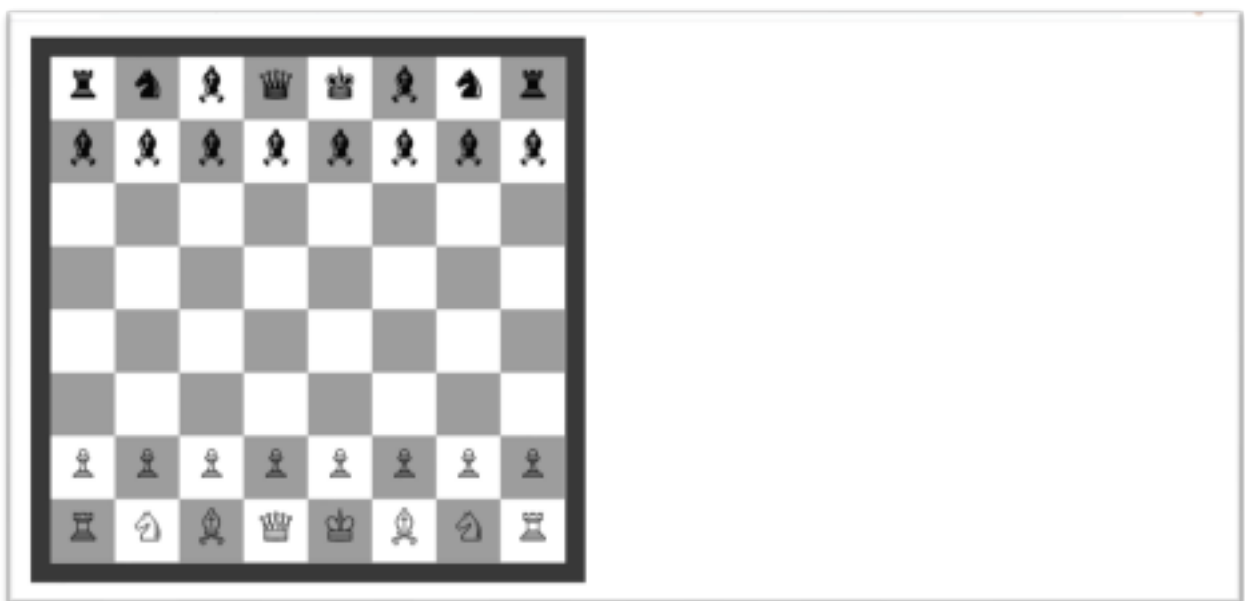
[illegible]

```

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Windows ?
<img alt="Screenshot of a code editor showing HTML code for a chessboard. The code uses a loop to generate the board structure, including piece placement and styling."/>
<code>
75 <div class="black"></div>
76 <div class="white"></div>
77 <div class="black"></div>
78 <div class="white"></div>
79 <div class="black"></div>
80 <div class="white"></div>
81 <div class="black"></div>
82 <div class="white"></div>
83 <div class="black"></div>
84 <div class="white"></div>
85 <div class="black"></div>
86 <div class="white"></div>
87 <div class="black"></div>
88 <div class="white"></div>
89 <div class="black"></div>
90 <div class="white"></div>
91 <div class="black"></div>
92 <div class="white"></div>
93 <div class="black"></div>
94 <div class="white"></div>
95 <div class="black"></div>
96 <div class="white"></div>
97 <div class="black"></div>
98 <div class="white"></div>
99 <div class="black"></div>
100 <div class="white"></div>
101 <div class="black"></div>
102 <div class="white"></div>
103 <div class="black"></div>
104 <div class="white"></div>
105 <div class="black"></div>
106 <div class="white"></div>
107 <div class="black"></div>
108 <div class="white"></div>
109 <div class="black"></div>
110 <div class="white"></div>
111 <div class="black"></div>
112 <div class="white"></div>
113 <div class="black"></div>
114 <div class="white"></div>
115 <div class="black"></div>
116 <div class="white"></div>
117 </div>
</code>

```

Output for Chessboard



B. Source code for Tic-tac-toe

```

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Windows ?
<img alt="Screenshot of a code editor showing HTML code for a Tic-tac-toe game. The code includes a title, a description, and a form for playing the game."/>
<code>
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta http-equiv="X-UA-Compatible" content="IE=edge">
6 <meta name="viewport" content="width=device-width, initial-scale=1">
7 <title>Tic-tac-toe</title>
8 <link href="style.css" rel="stylesheet">
9 </head>
10 <body>
11 <div>Tic Tac Toe</div>
12 <div>
13 <div>
14 <div>
15 </div>
16 </div>
17 </div>
18 </body>
19 </html>
</code>

```



```

68 let win = 0;
69 if(board[0][0] == board[0][1] && board[0][1] == board[0][2] && board[0][0] != ' ') {
70   let tile = document.getElementById(0);
71   tile.classList.add("win");
72   gameover = true;
73   return;
74 }
75 if(board[1][0] == board[1][1] && board[1][1] == board[1][2] && board[1][0] != ' ') {
76   let tile = document.getElementById(1);
77   tile.classList.add("win");
78   gameover = true;
79   return;
80 }
81 if(board[2][0] == board[2][1] && board[2][1] == board[2][2] && board[2][0] != ' ') {
82   let tile = document.getElementById(2);
83   tile.classList.add("win");
84   gameover = true;
85   return;
86 }
87 if(board[0][0] == board[1][0] && board[1][0] == board[2][0] && board[0][0] != ' ') {
88   let tile = document.getElementById(3);
89   tile.classList.add("win");
90   gameover = true;
91   return;
92 }
93 if(board[0][1] == board[1][1] && board[1][1] == board[2][1] && board[0][1] != ' ') {
94   let tile = document.getElementById(4);
95   tile.classList.add("win");
96   gameover = true;
97   return;
98 }
99 if(board[0][2] == board[1][2] && board[1][2] == board[2][2] && board[0][2] != ' ') {
100   let tile = document.getElementById(5);
101   tile.classList.add("win");
102   gameover = true;
103   return;
104 }
105 }

```

Output for Tic-tac-toe

Tic Tac Toe		
O	X	O
X	O	X
O	X	O

Question-2:

Design a webpage which displays your timetable using tables in HTML

Solution:

[Source code for Timetable](#)

[illegible][illegible][illegible]

Output for Timetable

TIME TABLE

Day/Period	I 9:30-10:15	II 10:20-11:05	III 11:05-12:00	12:00-01:40	IV 01:45-02:30	V 02:30-03:20	VI 03:20-04:10	VII 04:10-05:00
Monday	Eng	Mat	Chr	L U N C H	LAB			Phy
Tuesday	LAB				Eng	Chr	Mat	SPORTS
Wednesday	Mat	phy	Eng		Chr	LIBRARY		
Thursday	Phy	Eng	Chr		LAB			Mat
Friday	LAB				Mat	Chr	Eng	Phy
Saturday	Eng	Chr	Mat		SEMINAR			SPORTS

Question-3:

Design a registration webpage using HTML, CSS and JavaScript

Solution:

Source code for registration webpage

```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Registration</title>
8      <link href="style.css" rel="stylesheet">
9  </head>
10 <body>
11     <div class="main">
12         <div class="navbar">
13             <div class="logo">
14                 <img alt="Logo" data-bbox="127 462 888 741"/>
15             </div>
16             <div class="links">
17                 <a href="#">Home</a>
18                 <a href="#">About</a>
19                 <a href="#">Services</a>
20                 <a href="#">Contact</a>
21             </div>
22         </div>
23         <div class="hero">
24             <h1>Today's Special</h1>
25             <div>
26                 <div class="item">
27                     <img alt="Item 1" data-bbox="127 462 888 741"/>
28                     <h3>Item 1</h3>
29                     <p>Item 1 Description</p>
30                 </div>
31                 <div class="item">
32                     <img alt="Item 2" data-bbox="127 462 888 741"/>
33                     <h3>Item 2</h3>
34                     <p>Item 2 Description</p>
35                 </div>
36             </div>
37         </div>
38         <div class="offer">
39             <h2>Today's Offer</h2>
40             <div>
41                 <div class="offer-item">
42                     <img alt="Offer Item 1" data-bbox="127 462 888 741"/>
43                     <p>Offer Item 1 Description</p>
44                 </div>
45                 <div class="offer-item">
46                     <img alt="Offer Item 2" data-bbox="127 462 888 741"/>
47                     <p>Offer Item 2 Description</p>
48                 </div>
49             </div>
50         </div>
51     </div>
52 </body>
53 </html>

```





JavaScript File



Output for registration webpage



