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Practical 5

A. Design the Web Pages that demonstrate following concepts: Text Flow and Box Model

index.html

```
1. <!DOCTYPE html>
2. <html>
3.   <head>
4.     <meta charset="UTF-8">
5.     <title>PetShop Website Landing Page</title>
6.     <link rel="stylesheet" type="text/css"
   href="style.css">
7.   </head>
8.   <body>
9.     <section> <!--defines a section in a document.-->
10.      <div class="circle"></div>
11.      <header> <!--represents a container for
   introductory content or a set of navigational links.-->
12.        <a href="#" ></a>
13.        <ul>
14.          <li><a href="#">Home</a></li>
15.          <li><a href="#">Breeds</a></li>
16.          <li><a href="#">Adopt</a></li>
17.          <li><a href="#">Contact</a></li>
18.        </ul>
19.      </header>
20.      <div class="content">
21.        <div class="textBox">
22.          <h2>It's not just a pet<br>It's your
   <span>Best Friend</span></h2>
```

```

23.         <p>Owning a pet will change your life
            and bring you so much joy and love. They help us gain a
            sense of responsibility, show us unconditional love, and are
            always there when we need them. Dogs are more high
            maintenance but bring many different health benefits,
            whereas cats, rabbits and gerbils are easy to look after,
            need little exercise and give our lives new meaning and
            purpose.</p>
24.         <h3>Playing with a dog or a cat can
            take your mind away from your problems and place you in the
            "here and now." This is basic mindfulness and wonderful for
            mental health.</h3>
25.         <a href="#">Learn more</a>
26.     </div>
27.     <div class="imgBox">
28.<!--         -->
29.         
30.     </div>
31. </div>
32. <ul class="sci">
33.     <li><a href="#"></a></li>
34.     <li><a href="#"></a></li>
35.     <li><a href="#"></a></li>
36. </ul>
37. </section>
38. </body>
39.</html>

```

style.css

```

1. @import url('https://fonts.googleapis.com/css?
   family=Poppins:200,300,400,500,600,700,800,900&display=swap'
   );
2.
3. *{

```

```
4.   margin: 0;
5.   padding: 0;
6.   box-sizing: border-box;           /*include the padding and
    border in an element's total width and height.*/
7.   font-family: 'Poppins', sans-serif;
8. }
9. section{
10.  position: relative; /*positioned relative to the nearest
    positioned ancestor*/
11.  width: 100%;
12.  min-height: 100vh; /*Relative to 1% of the height of the
    viewport*/
13.  padding: 100px;
14.  display: flex;
15.  justify-content: space-between; /*used to align the flex
    items:with space between the lines*/
16.  align-items: center;
17.  background: #fff;
18.}
19.header{
20.  position: absolute;
21.  top: 0;
22.  left: 0;
23.  width: 100%;
24.  padding: 20px 100px;
25.  display: flex;
26.  justify-content: space-between;
27.  align-items: center;
28.}
29.header .logo{
30.  position: relative;           /*positioned relative to its
    normal position.*/
31.  max-width: 80px;
32.}
33.header ul{
34.  position: relative;
35.  display: flex;
36.}
37.header ul li{
38.  list-style: none;
39.}
40.header ul li a{
41.  display: inline-block;
```

```
42.  color: #333;
43.  font-weight: 400;
44.  margin-left: 40px;
45.  text-decoration: none;
46.}
47..content{
48.  position: relative;
49.  width: 100%;
50.  display: flex;
51.  justify-content: space-between;
52.  align-items: center;
53.}
54./*BOX MODEL*/
55..content .textBox{
56.  max-width: 600px;
57.  margin: 5px;
58.  padding: 25px;
59.  border: 5px solid;
60.  border-color: #3170a4;
61.  border-radius: 25px;
62.  background: #dae9f5;
63.  outline: #ebf0f5 double 10px;
64.}
65..content .textBox h2{
66.  color: #333;
67.  font: 4em;
68.  line-height: 1.4em;
69.  font-weight: 500;
70.}
71..content .textBox h2 span{
72.  color: #3170a4;
73.  font-size: 1.2em;
74.  font-weight: 900;
75.}
76..content .textBox p{
77.  color: #333;
78.  margin-top: 10px;
79.}
80./*TEXT FLOW*/
81..content .textBox h3{
82.  margin-top: 10px;
83.  color: #333;
84.  white-space: nowrap;
```

```
85. width: 500px;
86. overflow: hidden;
87. text-overflow: ellipsis;
88. border: 1px solid #333;
89.}
90..content .textBox h3:hover{
91. width: 500px;
92. white-space: normal;
93. overflow: visible;
94.}
95..content .textBox a{
96. display: inline-block;
97. margin-top: 20px;
98. padding: 8px 20px;
99. background: #3170a4;
100. color: #fff;
101. border-radius: 40px;
102. font-weight: 500;
103. letter-spacing: 1px;
104. text-decoration: none;
105.}
106..content .imgBox{
107. width: 600px;
108. display: flex;
109. justify-content: flex-end;
110. padding-right: 50px;
111. margin-top: 50px;
112.}
113..content .imgBox img{
114./*      max-width: 340px;*/
115. width: 600px;
116.}
117..sci{
118. position: absolute;
119. top: 50%;
120. right: 30px;
121. display: flex;
122. justify-content: center;
123. align-self: center;
124. flex-direction: column;
125.}
126..sci li{
127. list-style: none;
```

```
128.}
129..sci li    a{
130. display: inline-block;
131. margin: 5px 0;
132. filter: invert();
133. transform: scale(0.6);
134.}
135..circle{
136. position: absolute;
137. top: 0;
138. left: 0;
139. width: 100%;
140. height: 100%;
141. background: #3170a4;
142. clip-path: circle(600px at right 800px) ;
143.}
```

Attached images



twitter.png



instagram.png



facebook.png

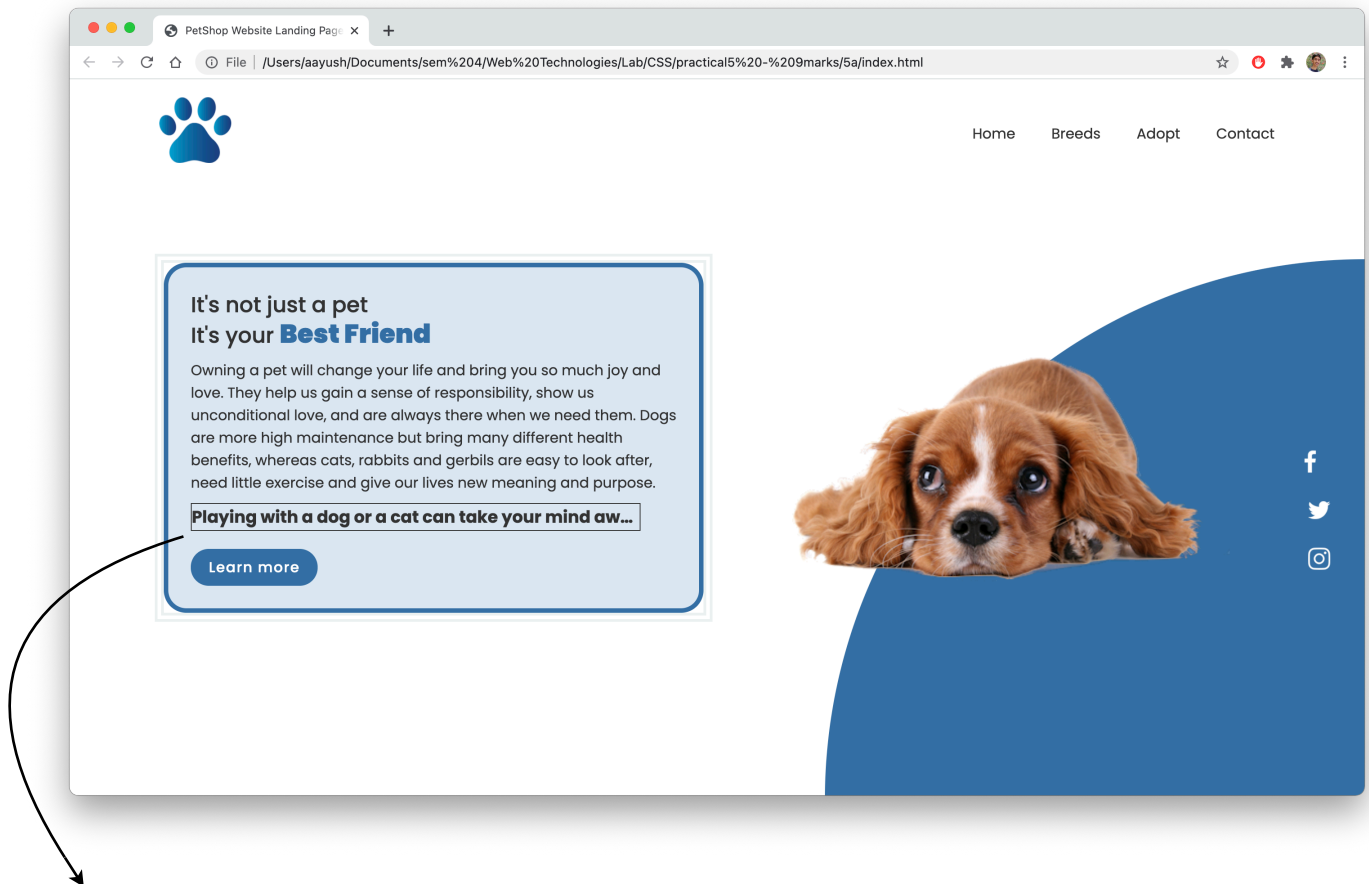


logo2.png

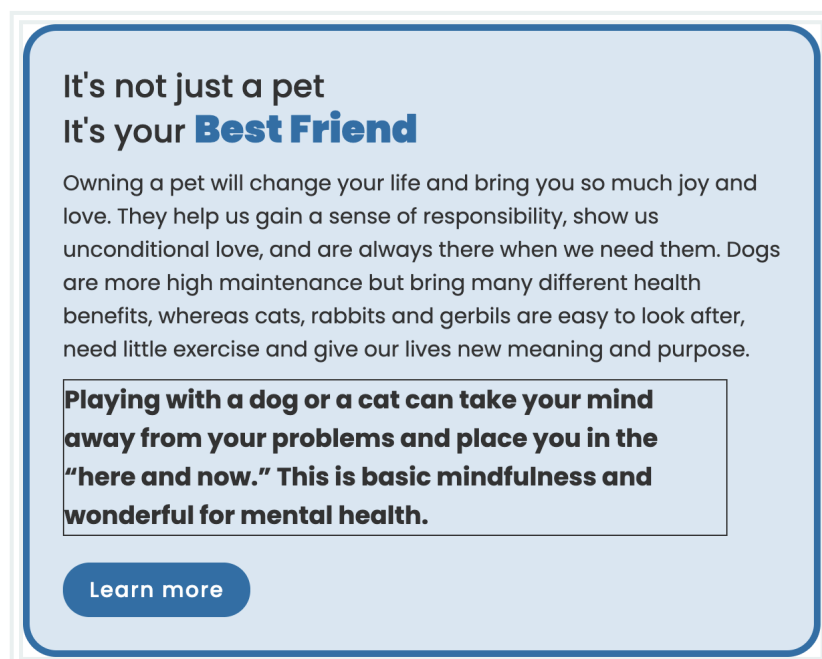


dog2.png

Output



Hover effect :



B. Apply cascading style sheet techniques on student registration form designed in practical 3b.

index.html

[illegible]


```

26.         <select>
27.             <option selected disabled>Select course</
option>
28.             <option value="Course">Course</option>
29.             <option value="BCA">BCA</option>
30.             <option value="BBA">BBA</option>
31.             <option value="B.Tech">B.Tech</option>
32.             <option value="MBA">MBA</option>
33.             <option value="MCA">MCA</option>
34.             <option value="M.Tech">M.Tech</option>
35.         </select>
36.
37.         <br>
38.
39.         <br>
40.         <label>
41.             Gender :
42.         </label>
43.         <input type="radio" name="gender"
value="gender-male"/> Male
44.         <input type="radio" name="gender"
value="gender-female"/> Female
45.         <br>
46.
47.         <br>
48.         <label>
49.             Hobby :
50.         </label>
51.         <input type="checkbox" name="Hobby" value="H1 "
checked>Reading
52.         <input type="checkbox" name="Hobby" value="H2 "
>Dancing
53.         <input type="checkbox" name="Hobby" value="H3 "
>Singing
54.         <br>
55.         <br>
56.
57.         <label>Phone number : </label>
58. <!--         <input type="text" name="country code"
value="91" size="2" style="width: 40px;"/>         -->
59.         <input type="text" name="phone" size="10 "
maxlength="10"placeholder="9898123123"/> <br> <br>
60.         Address :

```

```

61.         <br>
62.         <textarea cols="40" rows="5" value="address"
placeholder="Enter your address here"></textarea>
63.         <br> <br>
64.         <label>Email:  <label><br>
65.         <input type="email" id="email" name="email"
placeholder="example@gmail.com" /> <br>
66.         <br>
67.         Password:  <br>
68.         <input type="Password" id="pass" name="pass"
required placeholder="Str0ngP@ss123"> <br>
69.         <br>
70.         Re-type password:  <br>
71.         <input type="Password" id="repass"
name="repass" placeholder="Str0ngP@ss123"> <br> <br>
72.         <pre><input type="Submit" value="Submit"
form="registrationForm" class="button"/>&nbsp;<input
type="Reset" value="Reset" form="registrationForm"
class="button">  </pre>
73.         </form>
74. </body>
75.</html>

```

3bStyling.css

```

1. @import url('https://fonts.googleapis.com/css?
family=Poppins:200,300,400,500,600,700,800,900&display=swap'
);
2. *{
3.   font-family: 'Poppins', sans-serif;
4. }
5. form{
6.   background: #defcf9; /* applying bgcolor */
7.   padding: 3em 4em 2em; /* applying padding : top,right-
left,bottom */
8.   max-width: 400px;
9.   margin: 5px auto 0;
10.  box-shadow: 0 0 1em #845ec2;
11.  border-radius: 10px;
12.}
13..button {
14.  background-color: #bb8ae3;

```

```
15. color: white; /* applying color */
16. padding: 16px 20px; /* applying padding */
17. margin: 8px 0; /* applying margin */
18. border: none;
19. cursor: pointer;
20. width: 50%;
21. opacity: 0.8;
22. border-radius: 5px;
23.}
24.input[type=text],input[type=password],input[type=email],
  select, textarea {
25. width: 100%; /* applying full width */
26. padding: 12px; /* applying padding */
27. border: 1px solid #bb8ae3; /* border and its color */
28. border-radius: 4px; /* Rounded borders */
29. box-sizing: border-box; /* Make sure that padding and
   width stays in place */
30. margin-top: 6px; /* Add a top margin */
31. margin-bottom: 16px; /* Bottom margin */
32. resize: vertical; /* Allow the user to vertically resize
   the textarea (not horizontally) */
33.}
34..button:hover {
35. opacity:1;
36.}
```

Output

STUDENT REGISTRATION FORM

First name :

Middle name :

Last name :

Date of Birth :

Course :

Gender : ☐ Male ☐ Female

Hobby : ☒ Reading ☐ Dancing ☐ Singing

Phone number :

Address :

Email:

Password:

Re-type password:

Conclusion

Here we have learned about Box models and Text Flow along with css attributes which are useful for form making websites.

- *In CSS, the term "box model" is used when talking about design and layout. The CSS box model is essentially a box that wraps around every HTML element. It consists of: margins, borders, padding, and the actual content.*
- *Here,*
 - **Content** - *The content of the box, where text and images appear*
 - **Padding** - *Clears an area around the content. The padding is transparent*
 - **Border** - *A border that goes around the padding and content*
 - **Margin** - *Clears an area outside the border. The margin is transparent*