

SACRED HEART COLLEGE

(AUTONOMOUS)



B.Sc. COMPUTER APPLICATIONS

PRACTICAL RECORD

Name_____

Class_____Roll No. _____

Reg. No. _____Year_____

*Certified that this is a bonafide record of practical work done in
_____ of B.Sc. Computer Application Course during the
period_____.*

(Office Seal)

Lecture in charge

Submitted for the University Practical Examination held on_____20__

Date:

External Examiner

Contents

1	Simple Html Page	3
2	Time Table	6
3	CSS	9

1 Simple Html Page

Aim

- Design a webpage for your department.
- Utilize paragraphs and lists.
- Create links of the words Wifi and LAN to their respective wikipedia pages
- Insert an image that redirects to the college website
- Change the background color and create a link at the bottom to return to the top

Code

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>
5       Simple Html Page
6     </title>
7     <style>
8       body {
9         font-family: Arial, Helvetica, sans-serif;
10        background: #eff1f5;
11        color: #4c4f69;
12        font-size: 1.3em;
13      }
14      body::-webkit-scrollbar { display: none;}
15      .container {
16        display: flex;
17        flex-direction: column;
18        justify-content: center;
19        align-items: center;
20        background-color: #e6e9ef;
21        border-radius: 8px;
22        padding: 0.5em;
23        gap: 3px;
24      }
25      .dark {
26        background-color: #dce0e8;
27      }
28      a {
29        color: #dc8a78;
30      }
```

```

31     #college-img {
32         background-image: url('https://www.shcollege.ac.in/wp-co
↪ ntent/uploads/2020/11/mc-scaled.jpg');
33         background-repeat: no-repeat;
34         background-position: center;
35         width: 90vw;
36         height: 50vh;
37         border-radius: inherit;
38     }
39     li {
40         margin-right: 0.9em;
41     }
42 </style>
43 </head>
44 <body>
45     <a id="top"></a>
46     <div class="container">
47         <h1>
48             <u>The Computer Science Department</u>
49         </h1>
50         <p>
51             The <b>Computer Science Department</b> of Sacred Heart
↪ College, Thevara was established in 2001.
52             And since have molded industry leading professionals.
↪ Orientations are held periodically to discuss
↪ advancements and
53             rising trends in the field enabling understanding of
↪ cutting-edge technologies. Students are provided with
↪ campus wide
54             <a href="https://en.wikipedia.org/wiki/Wi-Fi">Wi-Fi</a>
↪ available to their portable devices and Computer
↪ Systems
55             constituting a <a href="https://en.wikipedia.org/wiki/Lo
↪ cal_area_network">Local Area
↪ Network</a>
56         </p>
57         <p style="font-weight: 550;">
58             The Department offers the following programs:
59             <div class="container dark">
60                 <ul>
61                     <li><b>B.Sc. Computer Applications</b> (Triple Main
↪ incl. Mathematics & Statistics)</li>
62                     <li><b>B. Computer Applications</b> (BCA: Mobile
↪ Applications and Cloud technologies)</li>
63                     <li><b>M. Sc. Integrated Computer Science</b> (Data
↪ Science)</li>

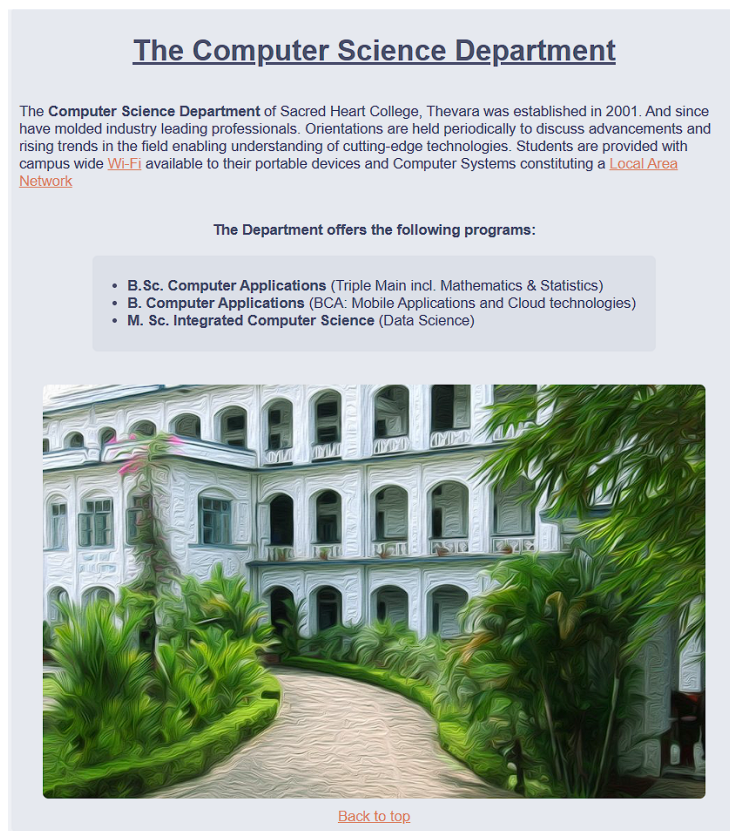
```

```

64         </ul>
65     </div>
66 </p>
67 <a id="college-img" href="https://www.shcollege.ac.in/">
68 </a>
69 <a href="#top" style="margin-top: 10px;">Back to top</a>
70 </div>
71 </body>
72 </html>

```

Output



2 Time Table

Aim

- Design the class time table in HTML using table tag

Code

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>
5       time table
6     </title>
7     <style>
8       :root { --flamingo: #dd7878; }
9       body {
10         font-family: Arial, Helvetica, sans-serif;
11         background: #eff1f5;
12         color: #4c4f69;
13         font-size: 1.3em;
14       }
15       table {
16         overflow: none;
17         border-collapse: collapse;
18         border-color: var(--flamingo);
19       }
20       th, td, tr {
21         padding: 10px;
22         border-top: solid;
23         border-left: solid;
24         border-right: solid;
25         border-width: 2px;
26       }
27       tr, td {
28         border-bottom: solid;
29         text-align: center;
30         border-color: inherit;
31         color: var(--flamingo);
32         background-color: #eff1f5;
33       }
34       .flamingo {
35         background-color: var(--flamingo);
36         color: snow;
37       }
```

```

38     .center {
39         width: 100%;
40         height: 98vh;
41         display: flex;
42         flex-direction: column;
43         justify-content: center;
44         align-items: center;
45     }
46     .down {
47         writing-mode: vertical-lr;
48         text-orientation: upright;
49         font-size: 1.4em;
50         letter-spacing: 8px;
51         color: snow;
52         background-color: var(--flamingo);
53     }
54 </style>
55 </head>
56 <body>
57     <div class="center">
58         <table>
59             <th colspan="7"> B.Sc. Computer Application S4</th>
60             <tr>
61                 <td class="flamingo">Monday</td>
62                 <td>Differential</td>
63                 <td>DBMS</td>
64                 <td>AWT</td>
65                 <td rowspan="5" class="down">BREAK</td>
66                 <td>Stat</td>
67                 <td>Sampling</td>
68             </tr>
69             <tr>
70                 <td class="flamingo">Tuesday</td>
71                 <td>Sampling</td>
72                 <td>Differential</td>
73                 <td>Sampling</td>
74                 <td>AWT</td>
75                 <td>Stat</td>
76             </tr>
77             <tr>
78                 <td class="flamingo">Wednesday</td>
79                 <td>Stat</td>
80                 <td>DBMS</td>
81                 <td>AWT</td>
82                 <td>Sampling</td>
83                 <td>Sampling</td>

```

```

84         </tr>
85         <tr>
86             <td class="flamingo">Thursday</td>
87             <td>Differential</td>
88             <td>Differential</td>
89             <td>DBMS</td>
90             <td>Stat</td>
91             <td>AWT</td>
92         </tr>
93         <tr>
94             <td class="flamingo">Friday</td>
95             <td>Stat</td>
96             <td>DBMS</td>
97             <td>Differential</td>
98             <td>LAB</td>
99             <td>LAB</td>
100         </tr>
101     </table>
102 </div>
103 </body>
104 </html>

```

Output

B.Sc. Computer Application S4						
Monday	Differential	DBMS	AWT	B R E A K	Stat	Sampling
Tuesday	Sampling	Differential	Sampling		AWT	Stat
Wednesday	Stat	DBMS	AWT		Sampling	Sampling
Thursday	Differential	Differential	DBMS		Stat	AWT
Friday	Stat	DBMS	Differential		LAB	LAB

3 CSS

Aim

- Utilize inline CSS for appending styles to html elements
- Utilize an external CSS Stylesheet

Code

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>
5       Cascading Style Sheets
6     </title>
7     <link rel="stylesheet" href="./styles.css">
8   </head>
9   <body>
10    <div class="container">
11      <h1 style="color: #dc8a78;"> <u>Cats are the best</u> </h1>
12      <p class="rose">
13        Cats, with their enigmatic grace and independent spirit,
14        ↪ have captivated human hearts for millennia. Their
15        ↪ slender
16        bodies adorned with sleek fur, often in a myriad of
17        ↪ colors and patterns, exude elegance and agility. From
18        ↪ the regal
19        posture of a Siamese to the fluffy charm of a Maine Coon,
20        ↪ each breed carries its own unique allure. Their eyes,
21        ↪ like
22        orbs of liquid gold or emerald pools, reflect an
23        ↪ intelligence and curiosity that seem to pierce
24        ↪ through the soul,
25        hinting at the depths of their mysterious nature.
26      
29    </p>
30    <p class="pink">
31      
34      Beyond their physical beauty, cats possess a remarkable
35        ↪ array of behaviors and characteristics that further
36        ↪ endear them
```

23 to humans. Their unparalleled agility and reflexes make
 ↳ them formidable hunters, capable of executing
 ↳ acrobatic feats
 24 with precision and stealth. Yet, juxtaposed with this
 ↳ predatory prowess is their gentle and affectionate
 ↳ side. Cats have
 25 an innate ability to form deep bonds with their human
 ↳ companions, often displaying acts of loyalty and
 ↳ companionship
 26 that defy their reputation for aloofness.
 27 </p>
 28 <p class="lavender">
 29 One of the most fascinating aspects of cats is their
 ↳ complex communication system. From the subtle twitch
 ↳ of an ear to
 30 the melodious purr of contentment, they have mastered the
 ↳ art of conveying their emotions without uttering a
 ↳ single
 31 word. Their repertoire of vocalizations, ranging from
 ↳ plaintive meows to thunderous yowls, serves as a
 ↳ means of
 32 expressing desires, seeking attention, or issuing
 ↳ warnings. Furthermore, their body language, including
 ↳ tail flicks,
 33 kneading paws, and arched backs, provides additional
 ↳ insight into their mood and intentions.
 34
 35 </p>
 36 <p class="maroon">
 37
 38 In addition to their charm and charisma, cats also offer
 ↳ a plethora of benefits to their human counterparts.
 ↳ Numerous
 39 studies have highlighted the positive impact of cat
 ↳ ownership on mental health, with their soothing
 ↳ presence and
 40 affectionate companionship serving as sources of comfort
 ↳ and stress relief. Furthermore, their playful antics
 ↳ and
 41 inquisitive nature bring joy and laughter into the lives
 ↳ of their owners, fostering a sense of happiness and
 ↳ well-being.

```

42         Whether curled up contentedly in a sunbeam or engaged in
         ↳ a spirited game of chase, cats have a remarkable
         ↳ ability to
43         enrich the lives of those fortunate enough to share their
         ↳ company.
44     </p>
45 </div>
46 </body>
47 </html>

```

External Stylesheet

```

1  body {
2      font-family: Arial, Helvetica, sans-serif;
3      background: #eff1f5;
4      color: #4c4f69;
5      font-size: 1.3em;
6  }
7  body::-webkit-scrollbar { display: none;}
8  .container {
9      display: flex;
10     flex-direction: column;
11     justify-content: center;
12     align-items: center;
13     padding: 5px;
14     gap: 15px;
15 }
16 p {
17     all: unset;
18     background-color: #e6e9ef;
19     border-radius: 8px;
20     display: flex;
21     align-items: center;
22     padding: 10px;
23     gap: 15px;
24 }
25 .rose {
26     box-shadow: 5px 6px 5px #dc8a78;
27 }
28 .pink {
29     box-shadow: 5px 6px 5px #ea76cb;
30 }
31 .lavender {
32     box-shadow: 5px 6px 5px #7287fd;
33 }

```

```

34 .maroon {
35   box-shadow: 5px 6px 5px #e64553;
36 }

```

Output

Cats are the best

Cats, with their enigmatic grace and independent spirit, have captivated human hearts for millennia. Their slender bodies adorned with sleek fur, often in a myriad of colors and patterns, exude elegance and agility. From the regal posture of a Siamese to the fluffy charm of a Maine Coon, each breed carries its own unique allure. Their eyes, like orbs of liquid gold or emerald pools, reflect an intelligence and curiosity that seem to pierce through the soul, hinting at the depths of their mysterious nature.





Beyond their physical beauty, cats possess a remarkable array of behaviors and characteristics that further endear them to humans. Their unparalleled agility and reflexes make them formidable hunters, capable of executing acrobatic feats with precision and stealth. Yet, juxtaposed with this predatory prowess is their gentle and affectionate side. Cats have an innate ability to form deep bonds with their human companions, often displaying acts of loyalty and companionship that defy their reputation for aloofness.

One of the most fascinating aspects of cats is their complex communication system. From the subtle twitch of an ear to the melodious purr of contentment, they have mastered the art of conveying their emotions without uttering a single word. Their repertoire of vocalizations, ranging from plaintive meows to thunderous yowls, serves as a means of expressing desires, seeking attention, or issuing warnings. Furthermore, their body language, including tail flicks, kneading paws, and arched backs, provides additional insight into their mood and intentions.





In addition to their charm and charisma, cats also offer a plethora of benefits to their human counterparts. Numerous studies have highlighted the positive impact of cat ownership on mental health, with their soothing presence and affectionate companionship serving as sources of comfort and stress relief. Furthermore, their playful antics and inquisitive nature bring joy and laughter into the lives of their owners, fostering a sense of happiness and well-being. Whether curled up contentedly in a sunbeam or engaged in a spirited game of chase, cats have a remarkable ability to enrich the lives of those fortunate enough to share their company.