SACRED HEART COLLEGE

(AUTONOMOUS)



B.Sc. COMPUTER APPLICATIONS

PRACTICAL RECORD

	Name		
	Class	Roll No	
	Reg. No	Year	
	of B.S	a bonafide record of practica Sc. Computer Application Cou	
(O)	ffice Seal)	Lectu	re in charge
Submitted for	the University Practi	ical Examination held on	20
Date:		Extern	al Examiner

Contents

1	1 Simple Html Page	3
	1.1 Aim	
	1.2 Code	
	1.3 Output	
2	2 Time Table	6
	2.1 Aim	
	2.2 Code	
	2.3 Output	
3	3 CSS	9
	3.1 Aim	9
	3.2 Code	
	3.3 Output	
4	4 Form	12
	4.1 Aim	
	4.2 Code	
	4.3 Output	
5	5 Semester Re-registration Webpage	14
	5.1 Aim	
	5.2 Code	
	5.3 Output	
6	6 Profit or Loss	16
	6.1 Aim	
	6.2 Code	
	6.3 Output	
7	7 Electrical Connection Form	18
'	7.1 Aim	
	7.2 Code	
	7.3 Output	
	7.5 Output	
8	8 Word Search	20
	8.1 Aim	
	8.2 Code	
	8.3 Output	
9		22
	9.1 Aim	
	9.2 Code	
	9.3 Output	

1 Simple Html Page

1.1 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

```
<!DOCTYPE html>
   <html>
3
     <head>
        <title>
4
         Simple Html Page
        </title>
        <style>
          body {
            font-family: Arial, Helvetica, sans-serif;
            background: #eff1f5;
            color: #4c4f69;
11
            font-size: 1.3em;
12
          }
13
          body::-webkit-scrollbar { display: none;}
          .container {
15
            display: flex;
16
            flex-direction: column;
            justify-content: center;
18
            align-items: center;
19
            background-color: #e6e9ef;
20
21
            border-radius: 8px;
            padding: 0.5em;
22
            gap: 3px;
23
          }
24
          .dark {
            background-color: #dce0e8;
26
27
          a {
28
            color: #dc8a78;
30
          #college-img {
31
            background-image: url('https://www.shcollege.ac.in/wp-content/uploads/2020/11
32
            background-repeat: no-repeat;
33
            background-position: center;
34
            width: 90vw;
35
            height: 50vh;
36
            border-radius: inherit;
37
          }
38
         li {
            margin-right: 0.9em;
40
41
        </style>
42
```

```
</head>
43
     <body>
44
        <a id="top"></a>
        <div class="container">
46
47
            <u>The Computer Science Department</u>
          </h1>
          >
50
            The <b>Computer Science Department</b> of Sacred Heart College, Thevara was
51
            \hookrightarrow established in 2001.
            And since have molded industry leading professionals. Orientations are held
52
            \rightarrow periodically to discuss advancements and
           rising trends in the field enabling understanding of cutting-edge
53
            _{\mathrel{\mathrel{\hookrightarrow}}} technologies. Students are provided with campus wide
            <a href="https://en.wikipedia.org/wiki/Wi-Fi">Wi-Fi</a> available to their
54
            \rightarrow portable devices and Computer Systems
            constituting a <a
55
            → href="https://en.wikipedia.org/wiki/Local_area_network">Local Area

→ Network</a>

          56
          The Department offers the following programs:
            <div class="container dark">
59
60
                <b>B.Sc. Computer Applications</b> (Triple Main incl. Mathematics &
61

    Statistics)

                <b>B. Computer Applications</b> (BCA: Mobile Applications and Cloud
62

    technologies)

                <b>M. Sc. Integrated Computer Science</b> (Data Science)
63
              64
            </div>
65
          66
          <a id="college-img" href="https://www.shcollege.ac.in/">
67
          </a>
68
          <a href="#top" style="margin-top: 10px;">Back to top</a>
69
        </div>
70
     </body>
   </html>
```



2 Time Table

2.1 Aim

• Design the class time table in HTML using table tag

```
<!DOCTYPE html>
    <html>
2
      <head>
3
        <title>
5
          time table
        </title>
6
        <style>
          :root { --flamingo: #dd7878; }
          body {
9
            font-family: Arial, Helvetica, sans-serif;
10
            background: #eff1f5;
            color: #4c4f69;
12
            font-size: 1.3em;
13
          }
14
          table {
            overflow: none;
16
            border-collapse: collapse;
17
            border-color: var(--flamingo);
          }
19
          th, td, tr {
20
            padding: 10px;
21
            border-top: solid;
22
            border-left: solid;
            border-right: solid;
24
            border-width: 2px;
25
          }
26
          tr, td {
            border-bottom: solid;
28
            text-align: center;
29
            border-color: inherit;
30
            color: var(--flamingo);
31
            background-color: #eff1f5;
32
          }
33
          .flamingo {
            background-color: var(--flamingo);
35
            color: snow;
36
37
          .center {
            width: 100%;
39
            height: 98vh;
40
            display: flex;
41
            flex-direction: column;
            justify-content: center;
43
            align-items: center;
44
45
          .down {
            writing-mode: vertical-lr;
47
            text-orientation: upright;
48
            font-size: 1.4em;
49
            letter-spacing: 8px;
```

```
color: snow;
51
       background-color: var(--flamingo);
52
     }
    </style>
54
   </head>
55
   <body>
56
    <div class="center">
57
     58
        B.Sc. Computer Application S4
59
       Monday
61
        Differential
62
        DBMS
63
        AWT
        BREAK
65
        Stat
66
        Sampling
67
       68
       69
        Tuesday
70
        Sampling
        Differential
        Sampling
73
        AWT
74
        Stat
75
       77
        Wednesday
78
        Stat
        DBMS
80
        AWT
81
        Sampling
82
        Sampling
       84
       85
        Thursday
        Differential
        Differential
88
        DBMS
89
        Stat
90
        AWT
91
       92
       93
        Friday
94
        Stat
95
        DBMS
96
        Differential
97
        LAB
98
        LAB
99
      100
     101
    </div>
102
   </body>
  </html>
104
```

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

3 CSS

3.1 Aim

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

```
<!DOCTYPE html>
   <html>
2
     <head>
       <title>
         Cascading Style Sheets
5
       </title>
6
       <link rel="stylesheet" href="./styles.css">
     </head>
     <body>
       <div class="container">
10
         <h1 style="color: #dc8a78;"> <u>Cats are the best</u> </h1>
         12
           Cats, with their enigmatic grace and independent spirit, have captivated human
13
            \mbox{\ }\mbox{\ }\mbox{\ } hearts for millennia. Their slender
           bodies adorned with sleek fur, often in a myriad of colors and patterns, exude
            \rightarrow elegance and agility. From the regal
           posture of a Siamese to the fluffy charm of a Maine Coon, each breed carries
15
            \rightarrow 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.
17
           <img src="https://i.pinimg.com/originals/7c/e9/24/7ce9242425aeacfccde52df4cc2|</pre>
            → 07c90.jpg" alt="" width="150px" style="border-radius:
               8px;">
         19
         20
           <img src="https://i.pinimg.com/736x/ed/38/08/ed38082f612fefb0ba51abc84178a797 |</pre>
21
            → .jpg" alt="" width="150px" style="border-radius:
            Beyond their physical beauty, cats possess a remarkable array of behaviors and
            \hookrightarrow characteristics that further endear them
           to humans. Their unparalleled agility and reflexes make them formidable
23
            \rightarrow hunters, capable of executing acrobatic feats
           with precision and stealth. Yet, juxtaposed with this predatory prowess is
            \rightarrow their gentle and affectionate side. Cats have
           an innate ability to form deep bonds with their human companions, often
25
            \hookrightarrow displaying acts of loyalty and companionship
           that defy their reputation for aloofness.
         27
         28
           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
30
            \hookrightarrow their emotions without uttering a single
           word. Their repertoire of vocalizations, ranging from plaintive meows to
            \rightarrow thunderous yowls, serves as a means of
           expressing desires, seeking attention, or issuing warnings. Furthermore, their
32
```

```
kneading paws, and arched backs, provides additional insight into their mood
33
            \hookrightarrow and intentions.
           <img src="https://i.pinimg.com/474x/26/79/43/26794354f259b5bb807e870cef23fceb|</pre>
              .jpg" alt="" width="150px" style="border-radius:
              8px;">
         36
           <img src="https://i.pinimg.com/originals/fa/99/de/fa99deb4b20e3a419aaafcd8503|</pre>
37
            → abbdc.jpg" alt="" width="150px" style="border-radius:

→ 8px;">

           In addition to their charm and charisma, cats also offer a plethora of
38
           \rightarrow benefits to their human counterparts. Numerous
           studies have highlighted the positive impact of cat ownership on mental
39
            \rightarrow health, with their soothing presence and
           affectionate companionship serving as sources of comfort and stress relief.
40
            → Furthermore, their playful antics and
           inquisitive nature bring joy and laughter into the lives of their owners,
41
           \rightarrow fostering a sense of happiness and well-being.
           Whether curled up contentedly in a sunbeam or engaged in a spirited game of
42
           enrich the lives of those fortunate enough to share their company.
         </div>
45
     </body>
46
   </html>
47
```

External Stylesheet

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

```
31 .lavender {
32  box-shadow: 5px 6px 5px #7287fd;
33  }
34  .maroon {
35  box-shadow: 5px 6px 5px #e64553;
36  }
```

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.

4 Form

4.1 Aim

- Create a simple form
- with fields name age address etc.
- include radio buttons checkboxes and a password field

```
<html>
      <head>
2
        <title>Form</title>
        <script src="https://cdn.tailwindcss.com"></script>
4
      </head>
5
     <body>
        <section class="w-full h-screen flex flex-col justify-center items-center">
          <h1 class="text-3xl text-blue-400 font-semibold mb-2"> Form </h1>
          <form class="bg-slate-100 flex flex-col p-3 rounded-lg gap-1">
            <div class="flex flex-row justify-between">
              Full name:
              <input type="text" name="fullname"</pre>
12
                class="text-center"
13
              />
            </div>
15
            <div class="flex flex-row justify-between">
16
              Gender: 
              <div class="flex flex-row gap-3 justify-evenly">
18
                <input type="radio" name="gender" value="male" class="">male</input>
19
                <input type="radio" name="gender" value="female">female</input>
20
                <input type="radio" name="gender" value="other">other</input>
              </div>
22
            </div>
23
            <div class="flex flex-row justify-between">
              Date of Birth:
25
              <input type="date" name="dob"/>
26
            </div>
27
            <div class="flex flex-row justify-between">
28
              Address:
29
              <input type="text" name="address"</pre>
                class="text-center"/>
31
            </div>
32
            <div class="flex flex-row justify-between gap-3">
33
              Favourite Language:
34
              <input type="checkbox" name="sub" value="Java">Java</input>
35
              <input type="checkbox" name="sub" value="PHP">C</input>
36
              <input type="checkbox" name="sub" value="Rust">Rust</input>
            </div>
38
            <div class="flex flex-row justify-between">
39
              Favourite Singer:
              <input type="text" name="singer"</pre>
41
                class="text-center"
42
```

```
/>
43
             </div>
44
             <div class="flex flex-row justify-between">
45
               Favourite Movie:
46
               <input type="text" name="movie"</pre>
                 class="text-center"
               />
49
             </div>
50
             <div class="flex flex-row justify-between">
51
               Email Id:
52
               <input type="email" name="email"</pre>
53
                 class="text-center"
               />
55
             </div>
56
             <div class="flex flex-row justify-between">
57
               Password:
58
               <input type="password" name="pasw"</pre>
59
                 class="text-center"
               />
61
             </div>
62
             <input
63
               class="bg-slate-300 hover:bg-slate-200 p-3 mt-2 rounded-md cursor-pointer"
64
               type="submit" value="Submit"
65
66
          </form>
67
        </section>
68
        <script>
69
        </script>
70
      </body>
71
    </html>
```

Form



5 Semester Re-registration Webpage

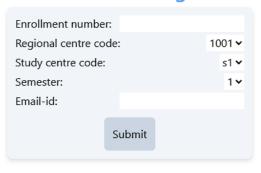
5.1 Aim

- Design a form with the following entries
- Enrolment No.
- Regional Centre Code (Drop-down)
- Study Centre Code (Drop-down)
- Semester (Drop-down)
- Email Id

```
<html>
     <head>
2
        <title>Re-registeration Form</title>
3
        <script src="https://cdn.tailwindcss.com"></script>
4
     </head>
     <body>
        <section class="w-full h-screen flex flex-col justify-center items-center">
          <h1 class="text-3xl text-blue-400 font-semibold mb-2">Semester Re-register</h1>
          <form class="bg-slate-100 flex flex-col p-3 rounded-lg gap-1 drop-shadow-md">
            <div class="flex flex-row justify-between gap-3">
10
              Enrollment number:
11
              <input type="text" required class="text-center">
12
            </div>
            <div class="flex flex-row justify-between gap-3">
14
              Regional centre code:
15
              <select name="rcc" required>
16
                <option value="1001">1001</option>
                <option value="1002">1002</option>
18
                <option value="1003">1003</option>
19
              </select>
20
            </div>
            <div class="flex flex-row justify-between gap-3">
22
              Study centre code:
23
              <select name="scc" required>
                <option value="s1">s1</option>
25
                <option value="s2">s2</option>
26
                <option value="s3">s3</option>
              </select>
            </div>
29
            <div class="flex flex-row justify-between gap-3">
              Semester:
31
              <select name="semester" required>
32
                <option value=1>1</option>
33
                <option value=2>2</option>
                <option value=3>3</option>
35
              </select>
36
37
            <div class="flex flex-row justify-between gap-3">
38
              Email-id:
39
```

```
<input type="email" required class="text-center">
40
           </div>
41
           <input type="submit"</pre>
             class="bg-slate-300 hover:bg-slate-200 w-fit p-3 self-center rounded-md mt-2
43
             />
44
         </form>
       </section>
46
     </body>
47
   </html>
```

Semester Re-register



6 Profit or Loss

6.1 Aim

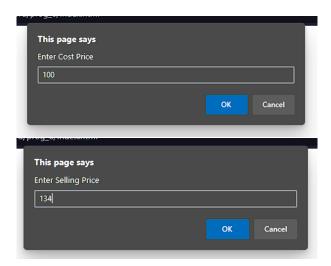
- Write a JavaScript solution for the following
- Accept the cost price and selling price with a button
- Create a button to calculate the loss or profit and display it

```
<!DOCTYPE html>
   <html>
      <head>
        <title>Profit Calculator</title>
4
        <script src="https://cdn.tailwindcss.com"></script>
5
      </head>
      <body>
        <section class="w-full h-screen flex flex-col justify-center items-center">
          <h1 class="text-orange-400 text-3xl font-semibold mb-2">Profit Calculator</h1>
          <div class="bg-slate-100 flex flex-col p-4 gap-1 rounded-lg">
            <div class="flex flex-row justify-evenly gap-2 w-52">
              <button
12
                type="button" onclick="get()"
13
                class="bg-slate-300 rounded-lg p-3 hover:bg-slate-200 active:bg-slate-400"
15
                Input
16
              </button>
17
              <button
                type="button" onclick=profit()
19
                class="bg-slate-300 rounded-lg p-3 hover:bg-slate-200 active:bg-slate-400"
20
21
                Output
              </button>
23
            </div>
24
            <p
25
              id="output"
              class="text-orange-400 text-xl text-center font-semibold font-sans"
27
            >
28
          </div>
29
        </section>
30
        <script>
31
          var profit_amt = 0;
32
          var sell_price = 0;
          var cost_price = 0;
34
          function profit() {
35
            profit_amt = ((sell_price - cost_price)/cost_price ) * 100;
36
            let result = "";
37
            if (profit_amt > 0) {
38
              result = "Your profit is " + profit_amt + "%"
39
            } else {
              result = "Your loss is " + profit_amt + "%"
41
42
            document.getElementById("output").innerHTML = result;
43
          }
          function get() {
45
```

```
cost_price = prompt("Enter Cost Price");
sell_price = prompt("Enter Selling Price");
sell_price = prompt("Enter Selling Price");
sell_price = prompt("Enter Selling Price");
sell_price = prompt("Enter Cost Price");
sell_price = prompt("Enter Selling Price");
sell_price = price = pr
```

Profit Calculator





Profit Calculator



7 Electrical Connection Form

7.1 Aim

- Create a form with the following fields
- Permanent or temporary connection (radio button)
- Government or Private house (radio button)
- Name and Email

```
<!DOCTYPE html>
   <html>
     <head>
       <title>Electric Form</title>
       <script src="https://cdn.tailwindcss.com"></script>
     </head>
     <body>
       <section class="w-full h-screen flex flex-col justify-center items-center">
         <h1 class="mb-2 text-3xl text-orange-400 font-semibold">
           Electrical Connection Form
         </h1>
11
         <form
12
           class="bg-slate-100 flex flex-col p-4 gap-1 rounded-lg"
13
           id="myform"
           onsubmit=validate()
15
16
           17
             Specify Connection Type:
           19
           <div class="flex flex-row gap-3">
20
             <input name="connection" type="radio" value="temp" >
21
               temporary
             </input>
23
             <input name="connection" type="radio" value="perm" >
24
               permanent
25
             </input>
26
           </div>
27
           Specify House Type:
29
30
           <div class="flex flex-row gap-3">
31
             <input name="house" type="radio" value="gov" >
               government house
33
             </input>
34
             <input name="house" type="radio" value="private" >
35
               private house
             </input>
37
38
           <div class="flex flex-row justify-between">
39
             Name:
             <input
41
               class="w-3/4 rounded-md text-center"
42
               type="text"
43
               placeholder=" Enter your name"
```

```
/>
45
            </div>
46
            <div class="flex flex-row justify-between">
              Email:
48
              <input
49
                class="w-3/4 rounded-md text-center"
                type="email"
51
                placeholder=" Enter your email"
52
53
            </div>
            <input
55
              class="bg-slate-300 w-fit self-center p-2 rounded-1 mt-3 font-semibold
56

→ cursor-pointer hover:bg-slate-200"

              type="submit" value="Submit"
            />
58
          </form>
59
        </section>
60
        <script>
61
          function validate() {
62
            let form = document.getElementById("myform");
63
            for (let input of form.elements) {
              if (input.value == "") {
                alert("Kindly fill all values");
66
                return;
67
              }
68
            }
69
            alert("Form Submitted Successfully");
70
71
        </script>
     </body>
73
   </html>
```

Electrical Connection Form



8 Word Search

8.1 Aim

- Write a JavaScript Program to search for a word in a sentence
- the search should be performed when a appropriate button is clicked

```
<!DOCTYPE html>
   <html>
     <head>
       <title>Word Finder</title>
       <script src="https://cdn.tailwindcss.com"></script>
5
     </head>
6
     <body>
       <section class="w-full h-screen flex flex-col justify-center items-center">
         <h1 class="text-pink-400 font-semibold text-3xl text-center mb-2">
           Word Finder
10
         </h1>
11
         <div class="bg-slate-100 flex flex-col p-4 gap-1 rounded-lg w-96">
12
           Enter your sentence
13
           <input type="text" id="sentence" class="text-center"/>
14
           Enter the word to search
           <input type="text" id="word" class="text-center text-orange-400"/>
16
           <button
17
             class="p-2 bg-slate-300 hover:bg-slate-200 w-32 self-center rounded-md mt-3

    text-x1"

             onclick=result()
19
           > Find </button>
           21
         </div>
22
       </section>
23
       <script>
24
         function result() {
25
           let sentence = document.getElementById("sentence").value.trim();
26
           let search_word = document.getElementById("word").value.trim();
           let output = document.getElementById("output");
28
           for (let word of sentence.split(" ")) {
29
             if (word == search_word) {
               output.innerHTML = "The word <a class='text-orange-400'>"
31
                 + word +
32
                 "</a> is found in the string";
33
               return;
34
             }
35
36
           output.innerHTML = "Could not find the word inside string";
37
       </script>
39
     </body>
40
   </html>
```

Word Finder



9 Prime and Armstrong

9.1 Aim

• Write a program to determine whether a number is Armstrong or Prime

```
<!DOCTYPE html>
   <html>
     <head>
3
       <title>Prime or Armstrong?</title>
       <script src="https://cdn.tailwindcss.com"></script>
5
     </head>
6
     <body>
       <section class="w-full h-screen flex flex-col justify-center items-center">
         <h1 class="text-pink-400 font-semibold text-3xl text-center mb-2">
9
           Prime or Armstrong
10
         </h1>
         <div class="bg-slate-100 flex flex-col p-4 gap-1 rounded-lg w-96">
12
           <div class="flex flex-row p-2 gap-1 justify-around">
13
             Enter a number
14
             <input type="number" id="number" class="text-center"/>
           </div>
16
           <div class="flex flex-row p-2 gap-3 justify-center">
17
             <button
               class="p-2 bg-slate-300 hover:bg-slate-200 w-32 rounded-md text-x1"
19
               onclick=is_prime()
20
             > Prime? </button>
21
             <br/>button
22
               class="p-2 bg-slate-300 hover:bg-slate-200 w-32 rounded-md text-x1"
               onclick=is_armstrong()
24
             > Armstrong? </button>
25
           </div>
           27
         </div>
28
       </section>
29
       <script>
30
         let output = document.getElementById("output");
31
         function is_prime() {
           let num = document.getElementById("number").value;
33
           for (let i = 2; i < num/2; i++) {
34
             if (num % i == 0) {
35
               output.innerHTML = num + " is NOT prime";
               return;
37
38
           }
39
           output.innerHTML = "<a class='text-pink-400 font-semibold'>" + num + " is
              PRIME </a>";
41
         function is_armstrong() {
           let num = document.getElementById("number").value;
43
           let str_num = String(num);
44
           let exponent = str_num.length;
45
```

```
let result = 0;
46
            for (let ch of str_num.split("")) {
              result += Number(ch) ** exponent;
48
49
            if (result == num) {
50
              output.innerHTML = "<a class='text-pink-400 font-semibold'>" + num + " is
51

→ ARMSTRONG</a>";
            } else {
              output.innerHTML = num + " is NOT armstrong</a>";
53
54
          }
55
        </script>
      </body>
57
   </html>
```

Prime or Armstrong



Prime or Armstrong

