



INSTITUTE OF TECHNOLOGY OF CAMBODIA

DEPARTEMENT OF INFORMATION AND COMMUNICATION ENGINEERING



Subject : Internet Programming

Lecturer : HOK TIN

TDo2

Student Name

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2022-2023

TP02

Url github: <https://github.com/Tuon-Sreynit/Internet-Programming>

Ex1: Source Code:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Design UI</title>
  <script src="tailwindcss.js"></script>
</head>

<body>
  <!-- container -->
  <div class="w-[50%] mx-auto mt-10 border-2 rounded-lg">
    <!-- Account of user -->
    <div class="border-b-[2px]">
      <div class="w-[95%] mx-auto mt-[3%]">
        <div class="flex justify-between">
          <!-- profile -->
          <div class="flex gap-[10px] items-center">
            <!-- image of profole -->
            <div>
              
            </div>
            <!-- name and date -->
            <div>
              <div>
                <h1 class="font-bold text-[#385896] text-lg">Tuon Sreynit</h1>
              </div>
              <div class="flex gap-[4px] text-[#65676B] text-sm">
                <div>
                  <p> January, 26, 2023 at 7:00 PM </p>
                </div>
                <!-- public sign -->
                <div>
                  <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24" fill="currentColor" class="w-5 h-5">
                    <path fill-rule="evenodd" d="M12 2.25c-5.385 0-9.75 4.365-9.75 9.75 0 5.385 4.365 9.75 9.75 9.75 .001 0 0 0 0 0 9.75 0 9.75-4.365 9.75-9.75S12 2.25 12 2.25zM8.25 8.25 10.117 8.25 12 2.25 13.883 8.25 15.75 8.25Z" clip-rule="evenodd" />
                  </svg>

```

```

79     </button>
80     <button type="button" class="flex gap-[10%] hover:text-[#4581F8]">
81       <div>
82         <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0 0 24 24" stroke-width="4"
83           stroke="currentColor" class="w-6 h-6">
84           <path stroke-linecap="round" stroke-linejoin="round"
85             d="M2.25 12.76c0 1.6 1.123 2.994 2.707 3.227 1.087.16 2.185.283 3.293.369V21.4.076-4.076a1.526 1.526 0 011.037-.443 48.282 48.282 0 005.68-.494c1.584-.233 2.707-1.6
86           </svg>
87         </div><b>Comment</b>
88       </button>
89     <button type="button" class="flex gap-[10%] hover:text-[#4581F8]">
90       <div>
91         <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0 0 24 24" stroke-width="4"
92           stroke="currentColor" class="w-6 h-6">
93           <path stroke-linecap="round" stroke-linejoin="round" d="M15 1516-6m0 01-6-6m6 6H9a6 6 0 00 12h3" />
94           </svg>
95         </div><b>Share</b>
96       </button>
97     </div>
98   </div>
99
100 </div>
101 </div>
102
103
104 <div class="bg-[#F6F7F9]">
105   <!-- Write a comment -->
106   <div class="w-[95%] mx-auto">
107     <!-- emoji and number of like-->
108     <div class="flex py-[3%] gap-[2%]">
109       <!-- emoji -->
110       <div class="flex">
111         <div>
112           <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24" fill="currentColor"
113             class="w-6 h-6 text-[#4581F8]">
114             <path
115               d="M7.493 18.75c-.425 0-.82-.236-.975-.632A7.48 7.48 0 0 0 0 15.375c0-1.75 3.358 1.602 4.634 1.51-.192 373-.309 6-.397 473-.183 89-.514 1.212-.924a9.042 9.042 0 012.
116           </svg>
117         </div>

```

```

118         <div>
119           <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24" fill="currentColor"
120             class="w-6 h-6 text-[#EC5767]">
121             <path
122               d="M11.645 20.911-.007-.003-.022-.012a15.247 15.247 0 0 1-.383-.218 25.18 25.18 0 0 1 0 01-4.244-3.17C4.688 15.36 2.25 12.174 2.25 5.322 4.714 3 7.688 3A5.5 5.5 0
123             </svg>
124           </div>
125         <div>
126           <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24" fill="currentColor" class="w-6 h-6 text-[#F8C628]">
127             <path fill-rule="evenodd" d="M10 18a8 8 0 100-16 8 8 0 00 16zm3.536-4.464a7.575 7.575 0 10-1.061-1.061 3.5 3.5 0 01-4.95 0 .75.75 0 00-1.06 1.06 5 5 0 007.07 0zM9 8.5c0
128             </svg>
129           </div>
130         </div>
131       </div>
132       <p class="text-[#1876F2]">670</p>
133     </div>
134   </div>
135
136   <!-- cmt sth -->
137   <div class="pb-[2.5%] pt-[0%] flex gap-[2.5%] items-center">
138     <div>
139       
140     </div>
141     <!-- cmt -->
142     <div class="w-full h-[48px] border-2 rounded-3xl bg-white flex gap-[2.5%]">
143       <div class="grow w-full">
144         <form action="#">
145           <input type="text" class="w-full h-[36px] rounded-l-1-3xl placeholder=" Write a comment...">
146         </form>
147       </div>
148     <!-- more option -->
149     <div class="flex items-center gap-[4%] mr-[5%] grow-0 text-[#73787C]">
150       <button type="button" class="hover:text-[#F8C628]">
151         <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0 0 24 24" stroke-width="1.5"
152           stroke="currentColor" class="w-6 h-6">
153           <path stroke-linecap="round" stroke-linejoin="round"
154             d="M15.182 15.182a4.5 4.5 0 01-6.364 0M21 12a9 9 0 11-18 0 9 9 0 0118 0zM9.75 9.75c0 .414-.168.75-.375.7559 10.164 9 9.75 9.168 9 9.375 9s.375.336.375.75zm-.375 0h
155           </svg>
156       </button>

```

```

157       <button type="button" class="hover:text-[#4E47E5]">
158         <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0 0 24 24" stroke-width="1.5"
159           stroke="currentColor" class="w-6 h-6">
160           <path stroke-linecap="round" stroke-linejoin="round"
161             d="M6.827 6.175A2.31 2.31 0 015.186 7.23c-.38.054-.757.112-1.134.175C2.999 7.58 2.25 8.507 2.25 9.574V18a2.25 2.25 0 002.25 2.25h15a2.25 2.25 0 0021.75 18V9.574c0-1
162           <path stroke-linecap="round" stroke-linejoin="round"
163             d="M16.5 12.75a4.5 4.5 0 11-9 0 4.5 4.5 0 019 0zM18.75 10.5h.008v.008h-.008V10.5z" />
164         </svg>
165       </button>
166       <button type="button" class="hover:text-[#4E47E5]">
167         <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0 0 24 24" stroke-width="1.5"
168           stroke="currentColor" class="w-6 h-6">
169           <path stroke-linecap="round" stroke-linejoin="round"
170             d="M12.75 8.25v7.5m6-7.5h3V12m0 0v3.75m0-3.75H18M9.75 9.348c-1.03-1.464-2.698-1.464-3.728 0-1.03 1.465-1.03 3.84 0 5.304 1.03 1.464 2.699 1.464 3.728 0V12h-1.5M4.5
171           </svg>
172       </button>
173     </div>
174   </div>
175 </div>
176 </div>
177 </div>
178 </div>
179 </body>
180 </html>

```

Output:



Tuon Sreynit

January 26, 2023 at 7:00 PM



Angkor Wat of Cambodia 🇰🇲

Find information here. -> <https://en.wikipedia.org>

[See translation](#)



Like

Comment

Share



670



Write a comment...



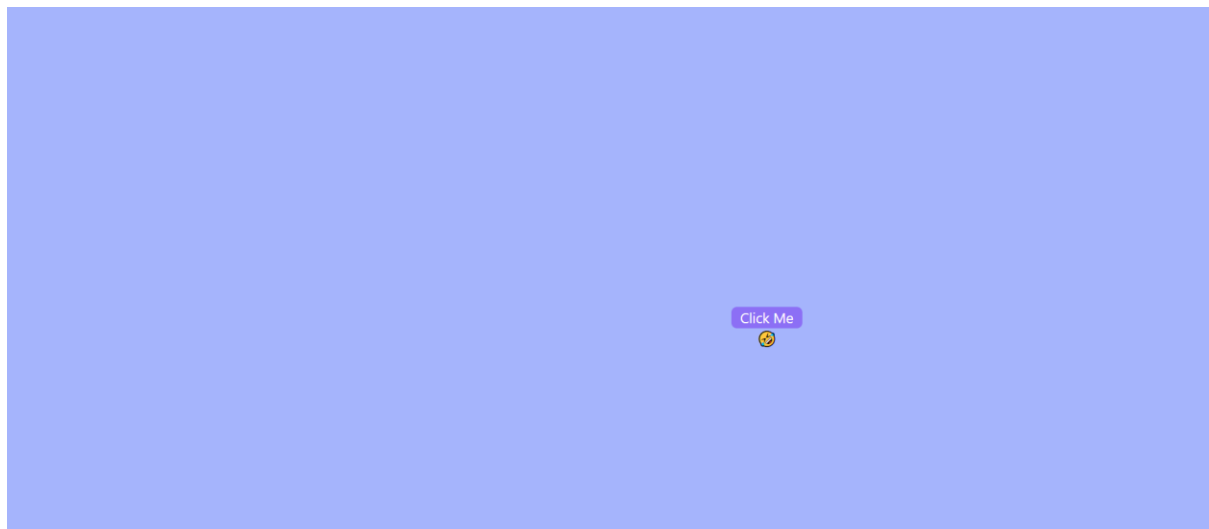
Ex2: Source Code:

```

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=1.0">
7      <title>Runaway Button</title>
8      <script src="./dist/tween.umd.js"></script>
9      <script src="./tailwindcss.js"></script>
10 </head>
11 <body class=" bg-indigo-300">
12     <div>
13         <button class="btn bg-white w-[200px] h-[50px]
14             text-[30px] text-center rounded-[12px]"
15             id="btn" onmouseover="run()">Click Me 🤖</button>
16     </div>
17
18     <script>
19         var sqrt = document.getElementById("btn")
20         var start = [0, 0]
21
22         function render(x, y) {
23             sqrt.style.position = 'absolute';
24             sqrt.style.top = x + 'px';
25             sqrt.style.left = y + 'px';
26             sqrt.style.color = "white";
27             sqrt.style.background = '#' + Math.floor(Math.random()*1000000).toString(16);
28             sqrt.style.height = Math.floor(Math.random() * (45 - 2 + 1)) + 6 + 'px';
29             sqrt.style.width = Math.floor(Math.random() * (150 - 51 + 1)) + 100 + 'px';
30         }
31
32         function animate() {
33             requestAnimationFrame(animate)
34             TWEEN.update()
35         }
36         requestAnimationFrame(animate)
37
38
39     const moveFromSourceToDest = (startX, startY, EndX, EndY) => {
40         const coords = { x: startX, y: startY }
41         const tween = new TWEEN.Tween(coords)
42             .to({ x: EndX, y: EndY }, 1000)
43             .easing(TWEEN.Easing.Quadratic.Out)
44             .onUpdate(() => {
45                 render(coords.x, coords.y)
46                 start[0] = coords.x
47                 start[1] = coords.y
48             })
49             .start()
50     }
51
52     function run() {
53         const rundx = Math.floor(Math.random() * document.documentElement.clientHeight * 1)
54         const rundy = Math.floor(Math.random() * document.documentElement.clientWidth * 1)
55         moveFromSourceToDest(start[0], start[1], rundx, rundy)
56     }
57 </script>
58 </body>
59 </html>

```

Output:



Ex3: Source Code:

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="If=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Canvas Upload Image File</title>
8      <script src="./tailwindcss.js"></script>
9  </head>
10 <body class="bg-black">
11     <div class="w-[50%] absolute top-[50%] left-[50%] translate-y-[-50%]
12         translate-x-[-50%] border-2 rounded-lg bg-cyan-500 text-white text-xl">
13         <div class="w-[98%] my-[1%] mx-auto content-center">
14             <canvas id="Canvas" class="w-full bg-white bg-gradient-to-r
15                 from-purple-300 to-blue-300 border-white border-2"></canvas>
16             <p class="py-[2.5%] text-center"> Canvas 🐾 : Insert me an image please!</p>
17             <div class="text-center pb-[2.5%]">
18                 <input type="file" id="uploadImg" name="uploadImg" class="rounded-lg">
19             </div>
20         </div>
21     </div>
22
23     <script>
24         var canvas = document.getElementById('Canvas');
25         var inputImage = document.getElementById('uploadImg');
26         var ctx = canvas.getContext('2d');
27
28         inputImage.addEventListener('change', function () {
29             var img = new Image();
30
31             img.src = URL.createObjectURL(this.files[0]);
32             img.onload = function () {
33                 canvas.width = img.naturalWidth;
34                 canvas.height = img.naturalHeight;
35                 ctx.drawImage(img, 0, 0);
36             };
37         });
38     </script>
39 </body>
40 </html>
```

Output:



Canvas  : Insert me an image please!

post_photo.jpg

Ex4: Source 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=1.0">
7      <title>Canvas Camera Video</title>
8      <script src="./tailwindcss.js"></script>
9  </head>
10 <body class="bg-blue-200">
11     <div class="absolute top-[50%] left-[50%] translate-y-[-50%] w-[50%] text-[#ede7e3]
12         translate-x-[-50%] rounded-lg text-xl text-[30px] drop-shadow-5lg shadow-[#1E293B] bg-neutral-500">
13         <div>
14             <canvas id="canvasVideoLive" class="w-[95%] aspect-[5/3]
15                 bg-[#eff7f6] border-2-[#ECF8F8] rounded-lg m-auto"></canvas>
16         </div>
17         <div class="mt-[0.25%] mb-[10px] w-[60%] mx-auto rounded-b-[10px]">
18             <center>
19                 <p class="py-[1.5%] text-white mx-[100px] mx-auto w-[80%]">
20                     Canvas 📷: Please show your face on me
21                 </p>
22                 <div class="w-[2.5%] h-[2.5%] bg-[#3C3C3C]"></div>
23                 <button id="switchButton" class="bg-green-500 text-white text-[30px] mt-[7%]
24                     w-[150px] mb-[2.5%] py-[0.5%] rounded-[50px]"> Play
25                 </button>
26             </center>
27         </div>
28     </div>
29
30     <script>
31         var isPlaying = true;
32         document.getElementById("switchButton").addEventListener("click", playOrPause);
33
34         function playOrPause() {
35             var switchButton = document.getElementById("switchButton");
36             if (isPlaying) {
37                 isPlaying = false;
38                 switchButton.style.background = "#22C55E";
39                 switchButton.innerHTML = "Continue";
40                 switchButton.addEventListener("click", displayVideo);

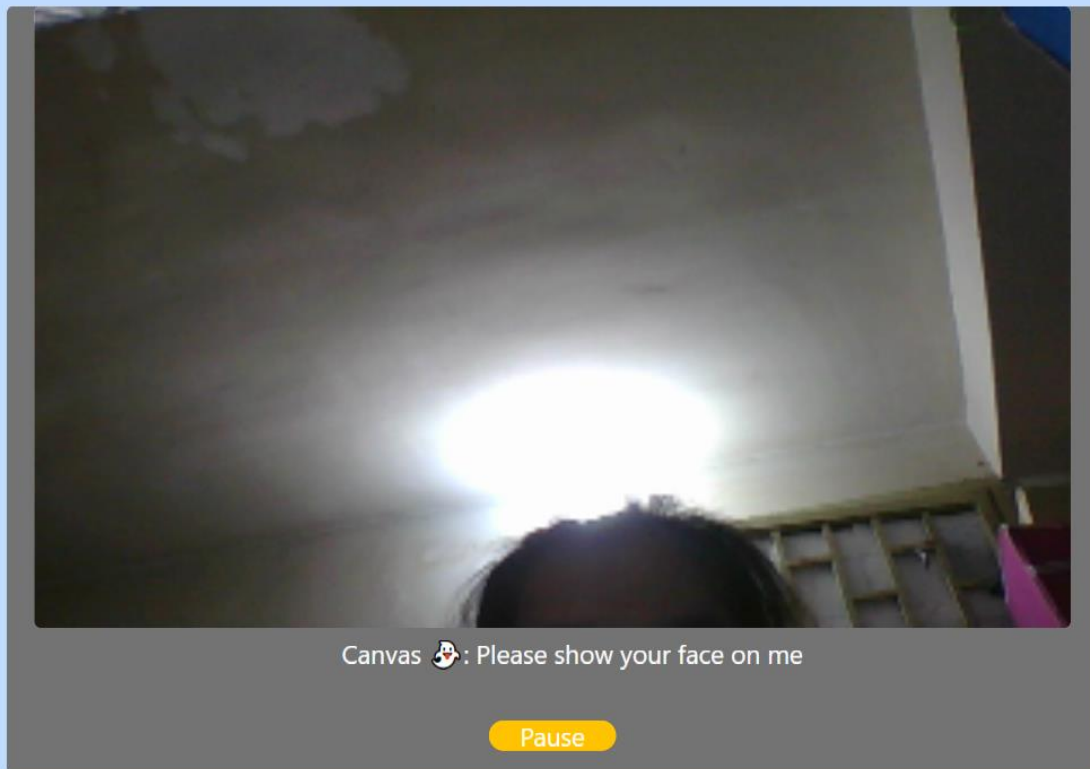
```

```

41         } else {
42             isPlaying = true;
43             switchButton.style.background = "#ffc300";
44             switchButton.innerHTML = "Pause";
45             switchButton.addEventListener("click", pauseVideo);
46         }
47     }
48
49     //access the camera
50     var video = document.createElement("video");
51     video.autoplay = true;
52
53     navigator.mediaDevices.getUserMedia({
54         audio: false, video: true
55     }).then((stream) => {
56         video.srcObject = stream;
57     }).catch((err) => {
58         console.log("navigator.MediaDevices.getUerMedia error: ", err.message, err.name);
59     });
60
61     //loop drawing
62     var vdoLive = document.getElementById('canvasVideoLive');
63     var ctxVdoLive = vdoLive.getContext('2d');
64
65     function displayVideo() {
66         if (isPlaying) {
67             ctxVdoLive.drawImage(video, 0, 0, vdoLive.width, vdoLive.height);
68             setTimeout(displayVideo, 1000 / 30); //video 30fps
69         }
70     }
71     function pauseVideo() {
72         if (!isPlaying) {
73             ctxVdoLive.clearRect(0, 0, vdoLive.width, vdoLive.height);
74         }
75     }
76 </script>
77 </body>
78 </html>

```

Output:



Ex5: Source 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=1.0">
7    <title>Canvas Camera Video with Multiple Projection</title>
8    <script src="./tailwindcss.js"></script>
9  </head>
10 <body class="bg-teal-200">
11   <div>
12     <div class="absolute top-[50%] left-[50%] translate-y-[-50%] w-[1500px] text-[#ede7e3]
13       translate-x-[-50%] rounded-lg text-xl text-[1.5rem] drop-shadow-5lg shadow-[#1f293b] bg-[#808080]">
14
15       <!-- for screens -->
16       <div class="flex justify-between w-[100%]">
17         <!-- part: video live -->
18         <div class="wrapper w-[50%] p-2.5">
19           <canvas id="canvasVideolive" class="w-[100%] aspect-[5/3] rounded-lg
20             bg-[#ecf8f8] border-[#eff7f6] border-[2px]" "></canvas>
21           <!-- display button -->
22           <div class="w-[50%] mt-[10px] rounded-[99px] text-[#3c3c3c] m-auto">
23             <p class="py-[2.5%] text-[20px] w-full"> Canvas 🐼: Please show your face on me</p>
24           </div>
25           <div class="flex justify-center items-center">
26             <button id="switchButton" class="bg-green-500 text-white text-[20]
27               w-[10rem] mb-[2.5%] py-[0.7%] rounded-[40px] text-4xl ">Play</button>
28           </div>
29         </div>
30
31         <!-- part: multiple screen -->
32         <div class="GridVideo w-[50%] p-2.5">
33           <p id="project" class="underTV w-[600px] bg-black text-4xl m-auto text-center rounded">Multiple Projection with Canvases</p>
34           <canvas id="canvasMultiScreens" class="w-[100%] aspect-[5/3] bg-[#ecf8f8] rounded-lg
35             border-[#eff7f6] border-[2px]" "></canvas>
36         </div>
37       </div>
38     </div>
39   </div>
40

```

```

41
42
43     <script>
44         var isPlaying = true;
45         document.getElementById("switchButton").addEventListener("click", playOrPause);
46
47         function playOrPause() {
48             var switchButton = document.getElementById("switchButton");
49             if (isPlaying) {
50                 isPlaying = false;
51                 switchButton.style.backgroundColor = "#02c39a";
52                 switchButton.innerHTML = "Play";
53                 switchButton.addEventListener("click", displayVideo);
54             } else {
55                 isPlaying = true;
56                 switchButton.style.backgroundColor = "#f8e16c";
57                 switchButton.innerHTML = "Pause";
58                 switchButton.addEventListener("click", pauseVideo);
59             }
60         }
61
62         //access the camera
63         var video = document.createElement("video");
64         video.autoplay = true;
65
66         navigator.mediaDevices.getUserMedia({
67             audio: false, video: true
68         }).then((stream) => {
69             video.srcObject = stream;
70         }).catch((err) => {
71             console.log("navigator.MediaDevices.getUerMedia error: ", err.message, err.name);
72         });
73
74         //loop drawing
75         var vdolive = document.getElementById('canvasVdolive');
76         var ctxVdolive = vdolive.getContext('2d');
77         var multiScreens = document.getElementById('canvasMultiScreens');
78         var ctxMultiScreen = multiScreens.getContext('2d');
79

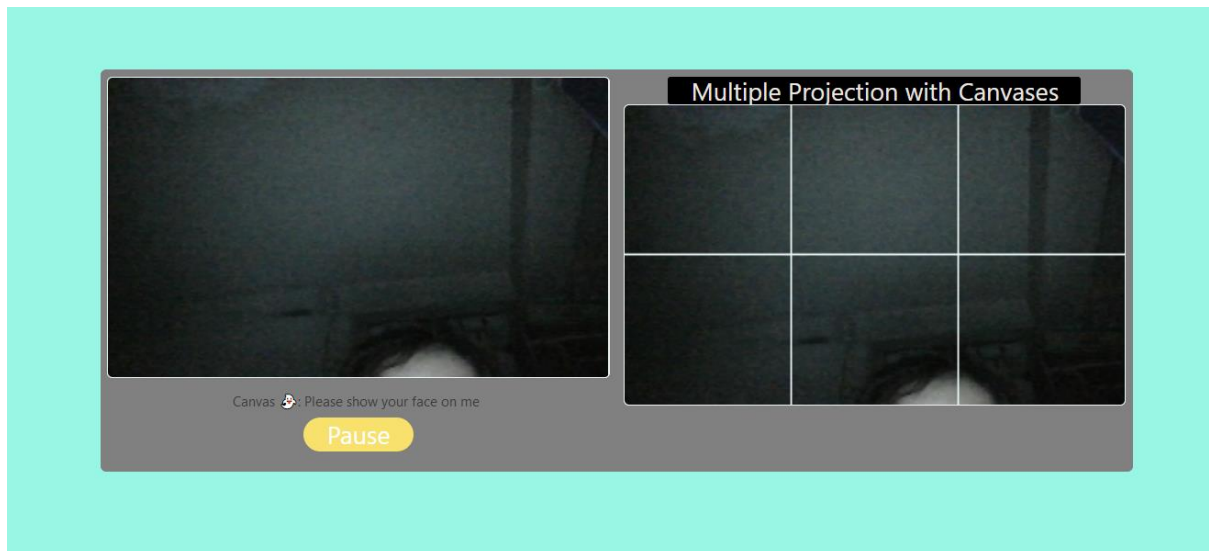
```

```

79
80         function displayVideo() {
81             if (isPlaying) {
82                 ctxVdolive.drawImage(video, 0, 0, vdolive.width, vdolive.height);
83                 ctxMultiScreen.drawImage(video, 0, 0, 213, 240, 0, 0, 99, 74);
84                 ctxMultiScreen.drawImage(video, 213, 0, 213, 240, 100, 0, 99, 74);
85                 ctxMultiScreen.drawImage(video, 426, 0, 213, 240, 200, 0, 100, 74);
86                 ctxMultiScreen.drawImage(video, 0, 240, 213, 240, 0, 75, 99, 75);
87                 ctxMultiScreen.drawImage(video, 213, 240, 213, 240, 100, 75, 99, 75);
88                 ctxMultiScreen.drawImage(video, 426, 240, 213, 240, 200, 75, 100, 75);
89                 setTimeout(displayVideo, 1000 / 30); //video 30fps
90             }
91         }
92         function pauseVideo() {
93             if (!isPlaying) {
94                 ctxVdolive.clearRect(0, 0, vdolive.width, canvas.height);
95                 ctxMultiScreen.clearRect(video, 0, 0, 213, 240, 0, 0, 99, 74);
96                 ctxMultiScreen.clearRect(video, 213, 0, 213, 240, 100, 0, 99, 74);
97                 ctxMultiScreen.clearRect(video, 426, 0, 213, 240, 200, 0, 100, 74);
98                 ctxMultiScreen.clearRect(video, 0, 240, 213, 240, 0, 75, 99, 75);
99                 ctxMultiScreen.clearRect(video, 213, 240, 213, 240, 100, 75, 99, 75);
100                 ctxMultiScreen.clearRect(video, 426, 240, 213, 240, 200, 75, 100, 75);
101             }
102         }
103     </script>
104 </body>
105 </html>

```

Output:



Ex6: Source Code:

```
src > Ex6.html > html > body > div.flex.absolute.top-[50%].left-[50%].translate-y-[-50%].translate-x-[-50%].w-[1030px].justify-between.h-[850px]
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>Book Shop</title>
8    <script src="./tailwindcss.js"></script>
9  </head>
10 <body>
11   <div class="flex absolute top-[50%] left-[50%] translate-y-[-50%]
12     translate-x-[-50%] w-[1030px] justify-between h-[850px]">
13     <div class="w-[20%] rounded-lg bg-[#637ae0] text-[#292d3e] drop-shadow">
14       <div class="w-[80%] mx-auto text-[1.05rem] py-[10%]">
15         <form action="" autocomplete="off" onsubmit="getBookFromForm()">
16           <div>
17             <h1 class="text-[1.5rem] mb-[10%] text-white text-2xl" id="pano">Add new Book</h1>
18           </div>
19           <div class="mb-[5%]">
20             <label for="bookTitle" class="text-white text-2xl">Book Title</label> <br>
21             <input class="bg-white w-[100%] rounded-md text-2xl" type="text" name="bookTitle" id="bookTitleInput" placeholder=" c programming"
22               onclick="if(this.placeholder == 'c programming') {this.placeholder = ''}"
23               onblur="if(this.placeholder == '') {this.placeholder = 'c programming'}" />
24           </div>
25           <div class="mb-[5%]">
26             <label for="bookCategory" class="text-white text-2xl">Category</label> <br>
27             <input class="bg-white w-[100%] rounded-md text-2xl" type="text" name="bookCategory" id="bookCategoryInput" placeholder=" Coding"
28               onclick="if(this.placeholder == 'coding') {this.placeholder = ''}"
29               onblur="if(this.placeholder == '') {this.placeholder = 'coding'}" />
30           </div>
31           <div class="mb-[25%]">
32             <label for="bookPrice" class="text-white text-2xl">Price</label> <br>
33             <input class="bg-white w-[100%] rounded-md text-2xl" type="text" name="bookPrice" id="bookPriceInput" placeholder=" $"
34               onclick="if(this.placeholder == '1,000 riels') {this.placeholder = ''}"
35               onblur="if(this.placeholder == '') {this.placeholder = '1,000 riels'}" />
36           </div>
37           <div class="mb-[5%]">
38             <button type="submit" class=" rounded-md w-[100px] drop-shadow bg-[#0077b6] text-2xl" id="switchBtn">Add</button>
39           </div>
40         </form>

```

```

42         </form>
43     </div>
44 </div>
45     <!-- storing book -->
46     <div class="w-[78%] rounded-lg bg-[#96ACCD] drop-shadow">
47         <div class="w-[98%] mx-auto h-[98%] my-[1%] overflow-y-scroll">
48             <div class="w-[99%] h-full">
49                 <div class="w-full rounded-lg gap-[1%] h-full
50                     flex flex-wrap content-start " id="bookStore">
51                 </div>
52             </div>
53         </div>
54     </div>
55 </div>
56
57 <script>
58     let x = -1;
59     var books = [];
60     var idForUpdate = null;
61     var indexForUpdate = null;
62     var isUpdate = false;
63     var header = document.getElementById("pano");
64     var switchBtn = document.getElementById("switchBtn");
65
66     function getBookFromForm() {
67         event.preventDefault();
68         var book = {};
69         book["title"] = document.getElementById("bookTitleInput").value;
70         book["category"] = document.getElementById("bookCategoryInput").value;
71         book["price"] = document.getElementById("bookPriceInput").value;
72         book["id"] = null;
73         console.log(switchBtn);
74         if (!isUpdate) {
75             insertNewRecord(book);
76         } else {
77             book.id = idForUpdate;
78             updateBook(book, idForUpdate);
79             switchBtn.innerHTML = "Add";
80             header.innerHTML = "Add New Book";
81             isUpdate = false;

```

```

82     }
83     resetForm();
84 }
85
86
87 function insertNewRecord(book) {
88     x += 1;
89     book.id = x;
90     books.push(book);
91
92     document.getElementById("bookStore").innerHTML += `<div class="rounded-sm drop-shadow font-medium w-[15rem] h-fit bg-amber-100" id="book${book.id}">
93         <div class="w-[90%] mx-auto my-[5%] justify-between">
94             <div class="flex gap-[10px]">
95                 <button class="rounded w-[70px] bg-red-500" id="delete${book.id}" onclick="deleteBook(this.id)">Delete</button>
96                 <button class="rounded w-[120px] bg-red-200" id="update${book.id}" onclick="editBook(this.id)">Change name</button>
97             </div>
98             <div>
99                 <center>
100                     <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24" fill="currentColor"
101                         class="w-[50%] aspect-[3/5]">
102                         <path
103                             d="M11.25 4.533A9.707 9.707 0 006.3a9.735 9.735 0 00-3.25 5.555 7.5 7.5 0 00-.5 707v14.25a 7.5 7.5 0 001 .707A8.237 8.237 0 016 18.75c1.995 0 3.823 707 5.25 1.886
104                     </svg>
105                 </center>
106                 <p id="title${book.id}">Title : ${book.title}</p>
107                 <p id="category${book.id}">Category : ${book.category}</p>
108                 <p id="price${book.id}">Price : ${book.price}</p>
109             </div>
110         </div>
111     </div>`;
112 }
113
114 function editBook(id) {
115     isUpdate = true;
116     event.preventDefault();
117     header.innerHTML = "Update information book!";
118     console.log(switchBtn);
119     switchBtn.innerHTML = "Update";
120     idForUpdate = id;

```

```

122     for (let i = 0; i < books.length; i++) {
123         var tmpBook = books[i];
124         if (`update${tmpBook.id}` == id) {
125             document.getElementById('bookTitleInput').value = `${tmpBook.title}`;
126             document.getElementById('bookCategoryInput').value = `${tmpBook.category}`;
127             document.getElementById('bookPriceInput').value = `${tmpBook.price}`;
128             break;
129         }
130     }
131 }
132
133 function updateBook(book, id) {
134     for (let i = 0; i < books.length; i++) {
135         var tmpBook = books[i];
136         if (`update${tmpBook.id}` == id) {
137             books[i].title = book.title;
138             document.getElementById(`title${tmpBook.id}`).innerHTML = "Title : " + `${book.title}`;
139             books[i].category = book.category;
140             document.getElementById(`price${tmpBook.id}`).innerHTML = "Price : $" + `${book.price}`;
141             books[i].price = book.price;
142             document.getElementById(`category${tmpBook.id}`).innerHTML = "Category : " + `${book.category}`;
143             idForUpdate = null;
144             break;
145         }
146     }
147 }
148
149 function deleteBook(id) {
150     for (let i = 0; i < books.length; i++) {
151         var book = books[i];
152         if (`delete${book.id}` == id) {
153             if (confirm('Are you sure you want to delete this book?')) {
154                 books.splice(i, 1);
155                 document.getElementById(`book${book.id}`).remove();
156             }
157             break;
158         }
159     }
160 }

```

```

160     }
161     resetForm();
162 }
163
164 function resetForm() {
165     document.getElementById('bookTitleInput').value = '';
166     document.getElementById('bookCategoryInput').value = '';
167     document.getElementById('bookPriceInput').value = '';
168 }
169 </script>
170 </body>
171 </html>

```

Output:

Add new Book

Book Title

c programmin

Category

Coding


Price

\$

Add

Delete


Change name



Title :
Category :
Price : \$

Delete


Change name



Title :
Category :
Price : \$

Delete


Change name



Title :
Category :
Price : \$

Delete


Change name



Title : Natural Body
Category : Health
Price : \$25

Delete


Change name



Title : Water
Category : Health
Price : \$12

Delete

Change name



Title :
Category :
Price : \$

Delete

Change name

