



Institute of Technology of Cambodia



Department of Information and Communication Engineering

I4-GIC-C

Internet Programming II

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ReportTP04: JavaScript

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[illegible]



Are you boring?

Tell me what to do

Learn how to use an Arduino

📌 Type: education

★ Participants: 1

💰 Price: 0.1

🔗 <https://en.wikipedia.org/wiki/Arduino>

Exercise2

```
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>exe2</title>
8   <script src="https://cdn.tailwindcss.com"></script>
9   <style>
10    .spinner {
11      position: relative;
12      width: 56px;
13      height: 56px;
14      display: flex;
15      align-items: center;
16      justify-content: center;
17    }
18
19    .spinner::before,
20    .spinner::after {
21      border: 6.7px solid #474bff;
22      border-radius: 50%;
23      position: absolute;
24      content: '';
25      display: block;
26    }
27
28    .spinner::before {
29      width: 33.6px;
30      height: 33.6px;
31      border-bottom-color: transparent;
32      border-left-color: transparent;
33      animation: spinner-1o3y8q 0.75s infinite linear reverse;
34    }
35
36    .spinner::after {
37      animation: spinner-1o3y8q 0.5s infinite linear;
38      height: 56px;
39      width: 56px;
40      border-right-color: transparent;
41      border-top-color: transparent;
42    }
43
44    @keyframes spinner-1o3y8q {
45      to {
46        transform: rotate(360deg);
47      }
48    }
49  </style>
50 </head>
51 <body class="w-full flex justify-center">
52   <div class="w-[80px] border-4 border-black py-[15px]">
53     <div class="flex justify-center text-[70px]">🎯</div>
54     <div class="text-center text-[30px]"><strong>I know your <span class="text-[#2476f0]"> Gender</span></strong></div>
55     <div class="flex justify-center gap-4 py-4">
56       <input id="input" class="border-[1px] border-[#505050] rounded-md px-2" type="text" placeholder="Tell me youe name">
57       <button class="bg-[#3083ff] text-white rounded-md px-2" type="button" onclick="guessGender()">Guess</button>
58     </div>
59     <div class="flex justify-center">
60       <div id="loading-text" class="spinner text-center" hidden></div>
61     </div>
62     <div class="flex justify-center">
63       <div id="content" class="bg-[#f4f4f4] w-[50%] rounded-lg p-3" hidden>
64         <div id="name" class="text-center"><strong>Makara</strong></div>
65         <div id="gender" class="text-center text-[40px] text-[#f06e24]"><strong>Female</strong></div>
66         <div id="probability" class="text-center text-[20px] text-[#72aaff]"><strong>50%</strong></div>
67       </div>
68     </div>
69   </div>
70   <script>
71     const inputEle = document.getElementById('input');
72     const nameEle = document.getElementById('name');
73     const genderEle = document.getElementById('gender');
74     const probabilityEle = document.getElementById('probability');
75     const loadingTextEle = document.getElementById('loading-text');
76     const contentEle = document.getElementById('content');
77
78     nameEle.innerHTML = "";
79     genderEle.innerHTML = "";
80     probabilityEle.innerHTML = "";
81     function guessGender(){
82       loadingTextEle.hidden = false;
83       contentEle.hidden = true;
84       const inputEle = document.getElementById('input').value;
85       fetch( https://api.genderize.io?name=${inputEle} ).then(async (res) => {
86         contentEle.hidden = false;
87         const data = await res.json();
88
89         genderEle.innerHTML = data.gender;
90         probabilityEle.innerHTML = (data.probability*100).toFixed(2)+"%";
91         nameEle.innerHTML = data.name;
92       }).catch((err) =>{
93         console.log(err);
94       }).finally(() =>{
95         loadingTextEle.hidden = true;
96       })
97     }
98   </script>
99 </body>
100 </html>
```



I know your Gender

Guess

Sing

male

72%

Exercise3

```
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>exe3</title>
8   <script src="https://cdn.tailwindcss.com"></script>
9   <style>
10    .spinner {
11      width: 56px;
12      height: 56px;
13      border-radius: 50%;
14      background: #474bff;
15      -webkit-mask: repeating-conic-gradient(#0000 0deg,#000 1deg 70deg,#0000 71deg 90deg),
16        radial-gradient(farthest-side,#0000 calc(100% - 10.1px),#000 calc(100% - 9px));
17      -webkit-mask-composite: destination-in;
18      mask-composite: intersect;
19      animation: spinner-mv2oco 1s infinite;
20    }
21    @keyframes spinner-mv2oco {
22      to {
23        transform: rotate(.5turn);
24      }
25    }
26  </style>
27 </head>
28 <body class="w-full flex justify-center">
29   <div class="w-[80%] border-4 border-black py-[15px] flex flex-col justify-center items-center">
30     <div class="flex justify-center text-[70px]">🎯</div>
31     <div class="text-center text-[30px]"><strong>I know your <span class="text-[#2476f0]"> Home</span></strong></div>
32     <div class="flex justify-center py-4">
33       <input id="input" class=" border-[1px] border-[#505050] rounded-md px-2 mx-2" type="text" placeholder="Tell me youe first name">
34       <button class="bg-[#3083ff] text-white rounded-md px-2 mx-2" type="button" onclick="guessNational()">Guess</button>
35     </div>
36     <div id="load" class="spinner" hidden></div>
37     <div class="flex justify-center w-[30%]">
38       <div id="wrapper" class="w-[100%]">
39
40       </div>
41     </div>
42   </div>
43   <script>
44     function guessNational(){
45       const inputEle = document.getElementById('input');
46       const wrapperEle = document.getElementById('wrapper');
47       const loadEle = document.getElementById('load');
48       loadEle.hidden=false;
49       fetch('https://api.nationalize.io?name=${inputEle.value}') .then(async (res) =>{
50         const data = await res.json();
51         console.log(data);
52         let obj = data.country;
53         wrapperEle.innerHTML="";
54         for(let i of obj){
55           wrapperEle.innerHTML +=`
56             <div id="box" class="w-full flex justify-between bg-[#f4f4f4] rounded-lg px-4 my-2">
57               <div><strong>${i.country_id}</strong></div>
58               <div><strong>${(i.probability*100).toFixed(2)}%</strong></div>
59             </div>`
60         }
61       }).catch((err) =>{
62         console.log(err);
63       }).finally(() =>{
64         loadEle.hidden=true;
65       })
66     }
67   </script>
68 </body>
69 </html>
```



I know your Home

Guess

HK	32%
SQ	18%
MY	13%
SG	5.6%
TH	5.5%

Exercise4

```
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>exo4</title>
8   <script src="https://cdn.tailwindcss.com"></script>
9   <style>
10     .spinner {
11       margin: 20px 0 20px 0;
12       width: 11.2px;
13       height: 11.2px;
14       animation: spinner-2355kx 1s infinite linear;
15       border-radius: 11.2px;
16       box-shadow: 28px 0px 0 0 #474bff, 17.4px 21.8px 0 0 #474bff, -6.2px 27.2px 0 0 #474bff, -25.2px 12px 0 0 #474bff, -25.2px -12px 0 0 #474bff, -6.2px -27.2px 0 0 #474bff, 17.4px -21.8px 0 0 #474bff;
17     }
18
19     @keyframes spinner-2355kx {
20       to {
21         transform: rotate(360deg);
22       }
23     }
24   </style>
25 </head>
26 <body class="w-full flex justify-center">
27   <div class="w-[80%] border-4 border-black py-[15px] flex flex-col justify-center items-center">
28     <div class="text-[10px]"></div>
29     <div class="text-center text-[30px]"><strong>Which Univ. do you want to study?</span></strong></div>
30     <div class="" py-4">
31       <select id="country" name="country" class="border-[1px] rounded-lg onchange="searchSchoolByCountry()">
```

```
1 </select>
2 </div>
3 <div id="load" class="spinner" hidden></div>
4 <div class="flex justify-center w-[90%]">
5   <div id="wrapper" class="w-[100%] grid grid-cols-3 gap-[2%] overflow-y-auto">
6
7   </div>
8 </div>
9 </div>
10 <script>
11   function searchSchoolByCountry(){
12     const wrapperEle = document.getElementById('wrapper');
13     const countryEle = document.getElementById('country');
14     const loadEle = document.getElementById('load');
15     loadEle.hidden=false;
16     fetch('http://universities.hipolabs.com/search?country=${countryEle.value}').then(async (res) =>{
17       const data = await res.json();
18       console.log(data);
19       wrapperEle.innerHTML="";
20       for(let i=0 ; i<data.length ; i++){
21         wrapperEle.innerHTML +=
22
23         <div class="w-full bg-[#f4f4f4] rounded-xl py-4">
24           <div class="text-center text-[20px]"><strong>${data[i].name}</strong></div>
25           <div class="text-center">${data[i].country}- ${data[i].alpha_two_code}</div>
26           <div class="flex justify-center mt-4">
27             <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0 0 24 24" stroke-width="1.5"
28               stroke="currentColor" class="w-6 h-6 text-[#4da6ff]">
29               <path stroke-linecap="round" stroke-linejoin="round" d="M12.75 3.03v.568c0 .334.148.65.
30               405.86411.068.89c.442.369.535 1.01.216 1.491-.51.766a2.25 2.25 0 01-1.161.886l-.143.
31               048a1.107 1.107 0 00-.57 1.664c.369.555.169 1.307-.427 1.605l9 13.125l.423 1.059a.956.
32               956 0 01-1.652.928l-.679-.906a1.125 1.125 0 00-1.906.172l4.5 15.75l-.612.153M12.75
33               3.03l9 9 0 00-8.862 12.872M12.75 3.03l9 9 0 016.69 14.036m0 0l-.177-.529A2.25 2.25
34               0 0017.128 15H16.5l-.324-.324a1.453 1.453 0 00-2.328.377l-.036.073a1.586 1.586 0 01-.
35               982.816l-.99.282c-.55.157-.894.702-.8 1.267l.073.438c.08.474.49.821.97.821.846 0 1.598
36               .542 1.865 1.345l.215.643m5.276-3.67a9.012 9.012 0 01-5.276 3.67m0 0a9 9 0 01-10.275-4.
37               835M15.75 9c0 .896-.393 1.7-1.016 2.25" />
38             </svg>
39             <p><a href="${data[i].web_pages}" class="text-[#4da6ff]">${data[i].web_pages}</a></p>
40           </div>
41         </div>
42
43       }
44     }).catch((err) =>{
45       console.log(err);
46     }).finally(() =>{
47       loadEle.hidden=true;
48     })
49   }
50 </script>
51 </body>
52 </html>
```




Which Univ. do you want to study?

Cambodia

Asia Europe University
(Cambodia-KH)

<http://www.aeu.edu.kh/>

Angkor University
(Cambodia-KH)

<http://www.angkor.edu.kh/>

Build Bright University
(Cambodia-KH)

<http://www.bbu.edu.kh/>

**Chamreun University of
Poly Technology**
(Cambodia-KH)

<http://www.cup.edu.kh/>

**Cambodia University of
Specialties**
(Cambodia-KH)

<http://www.cus.edu.kh/>

**National Institute of
Education**
(Cambodia-KH)

<http://www.ine.edu.kh/>

International University
(Cambodia-KH)

<http://www.iu.edu.kh/>

**Cambodian Mekong
University**
(Cambodia-KH)

<http://www.mekong.edu.kh/>

Norton University
(Cambodia-KH)

<http://www.norton.edu.kh/>

**National University of
Management**
(Cambodia-KH)

<http://www.num.edu.kh/>

**Pannnasatra University of
Cambodia**
(Cambodia-KH)

<http://www.puc.edu.kh/>

**Royal University of
Agriculture**
(Cambodia-KH)

<http://www.rua.edu.kh/>

**Royal University of Fine
Arts**
(Cambodia-KH)

<http://www.rufa.edu.kh/>

**Royal University of Law and
Economics**
(Cambodia-KH)

<http://www.rule.edu.kh/>

**Royal University of Phnom
Penh**
(Cambodia-KH)

<http://www.rupp.edu.kh/>

Svey Reong University
(Cambodia-KH)

<http://www.sru.edu.kh/>

University of Cambodia
(Cambodia-KH)

<http://www.uc.edu.kh/>

**University of Health and
Science**
(Cambodia-KH)

<http://www.univ-sante.edu.kh/>

**University of Technology
Phnom Penh**
(Cambodia-KH)

<http://www.utpp.edu.kh/>

Western University
(Cambodia-KH)

<http://www.western.edu.kh/>

Zaman University
(Cambodia-KH)

<http://www.zamanuniversity.edu.kh/>

Asia Europe University
(Cambodia-KH)

<http://www.aeu.edu.kh/>

Angkor University
(Cambodia-KH)

<http://www.angkor.edu.kh/>

Build Bright University
(Cambodia-KH)

<http://www.bbu.edu.kh/>

**Chamreun University of
Poly Technology**
(Cambodia-KH)

<http://www.cup.edu.kh/>

**Cambodia University of
Specialties**
(Cambodia-KH)

<http://www.cus.edu.kh/>

**National Institute of
Education**
(Cambodia-KH)

<http://www.ine.edu.kh/>

International University
(Cambodia-KH)

<http://www.iu.edu.kh/>

**Cambodian Mekong
University**
(Cambodia-KH)

<http://www.mekong.edu.kh/>

Norton University
(Cambodia-KH)

<http://www.norton.edu.kh/>

**National University of
Management**
(Cambodia-KH)

<http://www.num.edu.kh/>

**Pannnasatra University of
Cambodia**
(Cambodia-KH)

<http://www.puc.edu.kh/>

**Royal University of
Agriculture**
(Cambodia-KH)

<http://www.rua.edu.kh/>

Exercise5

```
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>exe5</title>
8   <script src="https://cdn.tailwindcss.com"></script>
9   <style>
10    .flipping {
11      width: 67.2px;
12      height: 67.2px;
13      display: grid;
14      grid-template-columns: repeat(3, 1fr);
15      grid-template-rows: repeat(3, 1fr);
16    }
17
18    .flipping div {
19      animation: flipping-18i5bq 1.5s calc(var(--delay) * 1s) infinite backwards;
20      background-color: #474bff;
21    }
22
23    .flipping div:nth-child(1) {
24      --delay: 0.1;
25    }
26
27    .flipping div:nth-child(2) {
28      --delay: 0.2;
29    }
30
31    .flipping div:nth-child(3) {
32      --delay: 0.3;
33    }
34
35    .flipping div:nth-child(4) {
36      --delay: 0.4;
37    }
38
39    .flipping div:nth-child(5) {
40      --delay: 0.5;
41    }
42
43    .flipping div:nth-child(6) {
44      --delay: 0.6;
45    }
46
47    .flipping div:nth-child(7) {
48      --delay: 0.7;
49    }
50
51    .flipping div:nth-child(8) {
52      --delay: 0.8;
53    }
54
55    .flipping div:nth-child(9) {
56      --delay: 0.9;
57    }
58
59    @keyframes flipping-18i5bq {
60      0% {
61        transform: perspective(67.2px) rotateX(-90deg);
62      }
63
64      50%, 75% {
65        transform: perspective(67.2px) rotateX(0);
66      }
67
68      100% {
69        opacity: 0;
70        transform: perspective(67.2px) rotateX(0);
71      }
72    }
73  </style>
74 </head>
```

```

1  <body>
2    <div class="w-[90%] h-[90vh] border-4 border-black p-2 flex justify-center m-auto">
3      <div class="bg-[#ebebeb] w-[20%] p-4 mx-2">
4        <div><strong>Name:</strong></div>
5        <div class="w-full"><input class="w-full border-[1px] my-2 px-2" type="text" placeholder="c programming"></div>
6        <div><strong>Category:</strong></div>
7        <div class="w-full"><input class="w-full border-[1px] my-2 px-2" type="text" placeholder="coding"></div>
8        <div><strong>Price:</strong></div>
9        <div class="w-full"><input class="w-full border-[1px] my-2 px-2" type="text" placeholder="1,000 riel"></div>
10       <button class="bg-blue-600 px-2 rounded-sm text-white" type="button" onClick="show()">Add</button>
11     </div>
12     <div id="list_book" class="w-[80%] bg-[#ebebeb] p-2 grid grid-cols-4 gap-[1%] overflow-y-auto">
13       <div class="w-full h-full flex items-end">
14         <div id="loading" class="flipping ">
15           <div></div>
16           <div></div>
17           <div></div>
18           <div></div>
19           <div></div>
20           <div></div>
21           <div></div>
22           <div></div>
23           <div></div>
24         </div>
25       </div>
26     </div>
27   </div>
28   <script>
29     fetch('https://jsonplaceholder.typicode.com/photos').then((response) => {
30       return response.json();
31     }).then((datas) => {
32       console.log(datas)
33       var template = ''
34       datas.forEach(data => {
35         template += `<div class="bg-white">
36           <div class="my-16">
37             
38           </div>
39           <div class="book_info">
40             <p> ${data.title} </p>
41             <p>Id: ${data.id} </p>
42             <p>AlbumId: ${data.albumId} riels</p>
43             <a class="text-[#4da6ff]" href="/detail.html?id=${data.id}">See</a>
44           </div>
45         </div>`
46       });
47       document.getElementById('list_book').innerHTML = template;
48     }).catch((err) =>{
49       console.log(err);
50     }).finally(() =>{
51     })
52   </script>
53 </body>
54 </html>

```


Name: <input type="text" value="c programming"/>				
Category: <input type="text" value="coding"/>	150 x 150	150 x 150	150 x 150	150 x 150
Price: <input type="text" value="1,000 riel"/>				
<input type="button" value="Add"/>				
	accusamus beatae ad facilis cum similique qui sunt Id: 1 AlbumId: 1 riel See	reprehenderit est deserunt velit ipsam Id: 2 AlbumId: 1 riel See	officia porro iure quia iusto qui ipsa ut modi Id: 3 AlbumId: 1 riel See	culpa odio esse rerum omnis laboriosam voluptate repudiandae Id: 4 AlbumId: 1 riel See
				

reprehenderit est deserunt velit ipsam

2

Resize the browser window to see that this page is responsive by the way.

1



150 x 150

Github: https://github.com/vysingsun/Internet_programming/tree/main/TP5