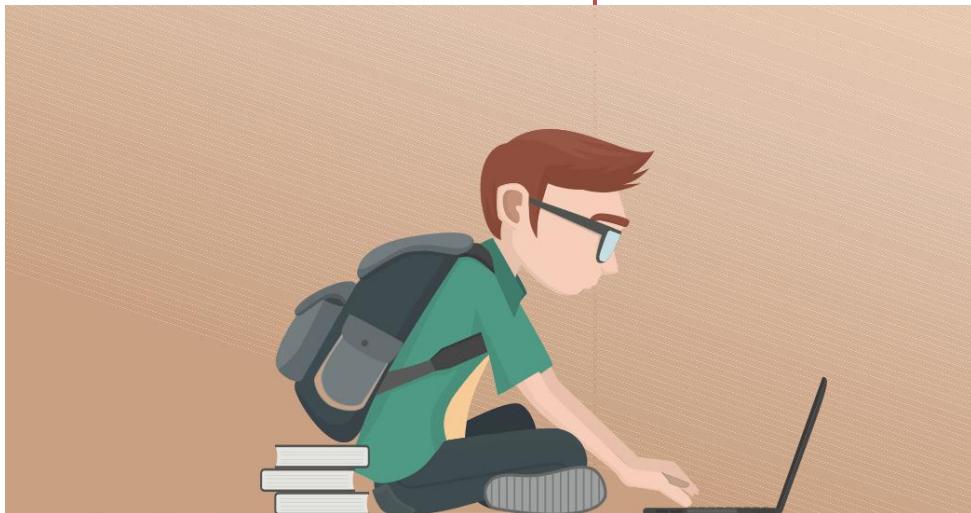




Build Your IT Skill



ណែនាំស្ថាល់ពី CSS

Cascading Style Sheet

អ្នកបានដោយ៖ ក្រសួងយោថតិខ្នល់

096 226 8884

097 226 8884

2022



ឯែវតាមេន្យលេយ៍ស្ថាប័តី CSS

Cascading Style Sheet

1. ផ្តុំបានដឹងទិន្នន័យនៃ CSS ?

CSS ឬរូបីពាក្យថា Cascading Style Sheet ដែលត្រូវបានគិត ក្រោមឱ្យស់ សំរាប់គុបតែនគេហទ័រអេយមានការពាទាក់ទាញ និងស្រល់ស្អាត និង ពាទាក់ទាញ ពីសំណាក់អ្នកទស្សនាការ។

ទិន្នន័យនៃ CSS Style sheet នូវខ្លួនឯងនៅលើ ២នៅក្នុងខាងក្រោម៖

1. Internal Style sheet: ទិន្នន័យនៃ CSS ដែលសរស់រាយនៅលើ file HTML

ពេលគឺអ្នកអាចសរស់រាយនៅលើលេខ៖ header របស់ HTML

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <meta charset="utf-8">
5  |   <style type="text/css">
6  |       .....
7  |       ..... block .....
8
9  |   </style>
10
11
12 </head>
13 <body>
14
15 </body>
16 </html>
```



2. External style sheet : គីជាការសរសេរ Style ផ្លាស់ពី file រវាង HTML
និង CSS ទាំងនេះគេប្រើប្រាស់ក្នុងករណីផែល CSS style មានប្រើន
line បុត្រូវ គេមិនបានអាយកនៅដោម្បួយនិង file html ។

```
1 | 
2 | <style type="text/css">
3 | | ..... block .....
4 | |
5 | |
6 | </style>
7 | |
8 | 
```

Save file: *.css

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <link rel="stylesheet" href="*.css">
5 </head>
6 <body>
7 | .....
8 <h1>This is a heading</h1>
9 <p>This is a paragraph.</p>
10
11 </body>
12 </html>
13 
```

Save: *.html

CSS ក្នុងបាលនៃថាមពេលនៃការរំភោះការ:

- ✓ ຂໍໃນ Inline Style
 - ✓ ຂໍໃນ Embed Style(External Style Sheet)
 - ❖ Selector Style
 - ❖ Selector with ID style
 - ❖ Selector with Class Style
 - ✓ ຂໍໃນ External Style

ឧន្តែក្រាមគឺជាដែលប្រយោជន៍ក្នុងការប្រើប្រាស់នូវ CSS Style សំរាប់ បង្កើត

See Website

- អាចបង្កើត បុក្រឹមនៃ Layout អាយមានភាពទាក់ទងនិងស្រល័យ តាមលក្ខណៈផ្សេងៗរបស់វា
 - អាចកែប្រឹមនៃ Text ទៅតាមលក្ខណៈផ្សេងៗរបស់អ្នកដូចជា ធ្វើសម្រាប់, កែលក្ខណៈ និង ត្រូវអាយមានភាពទាក់ទង។
 - អាចបង្កើតឡើវគ្គ Menu តាមតំបន់ការរបស់អ្នកដូចជា horizontal, Vertical និង drop down Menu។

គេហទំនាក់ស្ថិតិ ទៅ ទាំងអស់ ត្រូវបាន ប្រើប្រាស់ ទៅនៃ Style Sheet ដើម្បី
បង្កើតគេហទំនាក់រឡើង។



1.1. Inline Style: គីជាប្រភេទ Style Sheet ដែលត្រូវបានគេសរស់របៀប
Tag ណាមួយរបស់HTML ដោយត្រូវតែយក Tag HTML ណាមួយមកកបន្តែម
Property Style ដោយក្រោម

ឧចាបរណ៍ ទៅ

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 </style>
5 </head>
6 <body>
7
8 <h1 style="color: blue;
9         font-family: verdana;
10        font-size: 300%;
11        text-shadow: 5px 5px 8px black;">
12        ETEC CENTER
13 </h1>
14 <hr />
15 <p style="color: red;
16         font-family: courier;
17         font-size: 160%;">
18         Build Your IT Skill...!
19 </p>
20
21 </body>
22 </html>
23
```

លទ្ធផលទឹន្នន័យ:

ETEC CENTER

Build Your IT Skill...!



ឧទាហរណ៍ ២៩

```
<!DOCTYPE html>
<html>
<head>
<style>
</style>
</head>
<body>

```

លទ្ធផលទីនេះ

ETEC I.T Professional Training Center

ឧទាហរណ៍ ៣៩

```
</head>
<body>


## Calculate the total width:</h2> Klematis


```



លម្អិតលទ្ធលប្បន័យ

Calculate the total width:



ETEC i.T Professional Training Center
The picture above is 350px wide. The total width
of this element is also 350px.

វិធាន់អនុមតិត្រ

១)

Welcome to ETEC CENTER

Lorem ipsum dolor sit amet,
consectetur adipiscing elit, sed
do eiusmod tempor incididunt
ut labore et dolore magna
aliqua.

By ETEC CENTER

២)

Hello Crush...!



[Grab your reader's
attention with a great
quote from the document
or use this space to
emphasize a key point. To
place this text box
anywhere on the page,



1.2. Embed Style Sheet

គីជាប្រភេទ Style Sheet ដែលគេអាចបាយក Tag HTML ណាមួយ មកបន្ថែម Style Sheet បុរាណ គេអាចបាយកផ្លូវពី Sub Tag លើពី Tag ណាមួយក៏បានដើរ Style Sheet ប្រភេទនេះគេអាចបាយកជាចំនួន Internal Style Sheet កើតិច ឬ External Style Sheet កើតិចបានដើរ

គីជាប្រភេទ Style Sheet គេបាយកដោយគឺជា ពាណិជ្ជកម្ម ឬ Selector, Selector ID, Selector with Class ។

1.2.1. Selector Style

គីជាប្រភេទ Style Sheet ដែលគ្រាន់តែយក Tag HTML ណាមួយមកបន្ថែម Property Sheet របស់ Css ដាការស្របច្បាប់ Style Sheet ប្រភេទនេះ អ្នកអាចសរសេរនៅលើព្រោះ Tag Style ដាការស្របច្បាប់ ខាងក្រោម នេះ

```
<html>
<head>
<style>
body {
    background-image: url("img_tree.png");
    background-repeat: no-repeat;
    background-position: right top;
    margin-right: 200px;
    background-attachment: fixed;
}
</style>
</head>
<body>
<h1>ETEC i.T Professional Trainig Center!</h1>
<p>The background-image is fixed. Try to scroll down the page.</p>
<p>The background-image is fixed. Try to scroll down the page.</p>
<p>The background-image is fixed. Try to scroll down the page.</p>
<p>The background-image is fixed. Try to scroll down the page.</p>
<p>The background-image is fixed. Try to scroll down the page.</p>
</body>
</html>
```



លម្អិតលទ្ធលប្បន្ន

ETEC i.T Professional Trainig Center!

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.

The background-image is fixed. Try to scroll down the page.



ខាងក្រោម នេះ

```
<html>
<head>
<style>
table {
    border-collapse: collapse;
    width: 100%;
}

th, td {
    text-align: left;
    padding: 8px;
}

tr:nth-child(even){background-color: #f2f2f2}
|
th {
    background-color: #4CAF50;
    color: white;
}
</style>
</head>
<body>
```

Colored Table Header

```
<table>
<tr>
<th>Firstname</th>
<th>Lastname</th>
<th>Savings</th>
</tr>
<tr>
<td>Peter</td>
<td>Griffin</td>
<td>$100</td>
</tr>
<tr>
<td>Lois</td>
<td>Griffin</td>
<td>$150</td>
</tr>
<tr>
```



```

<tr>
  <td>Joe</td>
  <td>Swanson</td>
  <td>$300</td>
</tr>
<tr>
  <td>Cleveland</td>
  <td>Brown</td>
  <td>$250</td>
</tr>
</table>

</body>
</html>

```

លទ្ធផលទីនេះ

Colored Table Header

Firstname	Lastname	Savings
Peter	Griffin	\$100
Lois	Griffin	\$150
Joe	Swanson	\$300
Cleveland	Brown	\$250

1.2.2. Selector ID Style

គីជាប្រភេទ Selector ដែលគេគ្រាន់តើយក Tag របស់ HTML ណា មួយ មកបង្កើត Sub Tag ឬ នាងចម្លោះនៃ Sub Tag ដោយខ្លួនឯងទាំង បោយ ត្រូវតាំងអត្ថបន្ទាន់ (#) ជាដែលតើមួយ Sub Tag ណាមួយក៏បាន។ ចំពោះ

ការហៅថាប្រើប្រាស់គីជាប្រភេទ

ហៅតាមរយៈ Attribute (id) ។

```

1  <!DOCTYPE html>
2  <html>
3  <head>
4  <style type="text/css">
5    #SubTag{
6      .....
7    }
8
9  OR
10
11  Tag#SubTag{
12    .....
13  }
14
15
16 </style>
17 </head>

```

ឧទាហរណ៍ ទៅ

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <title>CSS Website Layout</title>
5 <meta charset="utf-8">
6 <style>
7<body>
8   margin: 0;
9</body>
10 #header {
11   background-color: black;
12   padding: 20px;
13   text-align: center;
14   border: 5px;
15   color: white;
16 }
17 #body{
18   background-color: #f1f1e3;
19   padding: 5px
20 }
21 #footer{
22   background-color: black;
23   padding: 5px;
24   color: white;
25 }
26 <body>
27   <div id="header">
28     <h1><center>
29       Welcome to ETEC CENTER
30     </center>
31   </h1>
32   </div>
33
34   <div id="body">
35     <h3> Body </h3>
36   </div>
37
38   <div id="footer">
39     <h3>Footer</h3>
40   </div>
41 </body>
```

Welcome to ETEC CENTER

លម្អិតនិភ័យបច្ចេកទេស

body

Footer



ឧទាហរណ៍ លេខ

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  <title>CSS Template</title>
5  <meta charset="utf-8">
6  <meta name="viewport" content="width=device-width, initial-scale=1">
7  <style>
8  {
9    box-sizing: border-box;
10 }
11
12 body {
13   font-family: Arial, Helvetica, sans-serif;
14 }
15
16 /* Style the header */
17 ▼ div#header {
18   background-color: #666;
19   padding: 30px;
20   text-align: center;
21   font-size: 35px;
22   color: white;
23 }
24
25 /* Container for flexboxes */
26 ▼ div#section {
27   display: -webkit-flex;
28   display: flex;
29   width: 80%;
30   margin: 0 auto;
31 }
32
33 /* Style the navigation menu */
34 ▼ nav {
35   flex: 1;
36   background: #ccc;
37   padding: 20px;
38 }
39
40 /* Style the list inside the menu */
41 ▼ nav ul {
42   list-style-type: none;
43   padding: 0;
44 }
45
46 /* Style the content */
47 ▼ div#article {
48   flex: 3;
49   background-color: #f1f1f1;
50   padding: 10px;
51 }
52
53 /* Style the footer */
54 ▼ div#footer {
55   background-color: black;
56   padding: 10px;
57   text-align: center;
58   color: white;
59 }
60
61 </style>
62 </head>
```



```
63 <body>
64 <div id="header">
65 |   <h1> សូរសីប្បនទេទាញអស់គ្មាន</h1>
66 |
67 </div>
68
69
70 <div id="section">
71   <nav>
72     <ul>
73       <li><a href="#">ទំព័រដើម</a></li>
74       <li><a href="#">អំពី ETEC</a></li>
75       <li><a href="#">ទំនាក់ទំនង</a></li>
76     </ul>
77   </nav>
78 <div id="article">
79   <h1>ETEC Center</h1>
80   <p>London is the capital city of England. It is the most populous city in the United Kingdom, with a metropolitan area of over 13 million inhabitants.</p>
81 </div>
82 </div>
83
84 <div id="footer">
85   <p>ផ្លូវការដើម Website</p>
86 </div>
87 </body>
88 </html>
89
```

ឯកទទួលខ្លួននៃទម្រង់

សូរសីប្បនទេទាញអស់គ្មាន

[ទំព័រដើម](#)
[អំពី ETEC](#)
[ទំនាក់ទំនង](#)

ETEC Center

London is the capital city of England. It is the most populous city in the United Kingdom, with a metropolitan area of over 13 million inhabitants.

ផ្លូវការដើម Website



ខ្សែការណ៍ លទេស

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  <title>CSS Website Layout</title>
5  <style>
6  * {
7      box-sizing: border-box;
8  }
9  body {
10     margin: 0;
11 }
12 /* Style the header */
13 #header {
14     background-color: #f1f1f1;
15     padding: 20px;
16     text-align: center;
17 }
18
19 /* Create three equal columns that floats next to each other */
20 #column {
21     float: left;
22     width: 33.33%;
23     padding: 15px;
24 }
25
26 /* Clear floats after the columns */
27 #row:after {
28     content: "";
29     display: table;
30     clear: both;
31 }
32 /* Style the footer */
33 #footer {
34     background-color: black;
35     color:white;
36     text-align: center;
37 }
38
39 </style>
40 </head>
41 <body>
42
43 <div id="header">
44     <h1>Header</h1>
45 </div>
46
47 <div id="row">
48     <div id="column">
49         <h2>Column 1</h2>
50         <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas sit amet pretium urna. </p>
51     </div>
52
53     <div id="column">
54         <h2>Column 2</h2>
55         <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas sit amet pretium urna.</p>
56     </div>
```

```
58 <div id="column">
59   <h2>Column 3</h2>
60   <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas sit amet pretium urna. </p>
61 </div>
62 </div>
63 <div id="footer">
64   <h1>Footer</h1>
65 </div>
66 </body>
67 </html>
68
```

Header

ଫ୍ରେଜ୍‌ବିଲ୍‌ଡିଫ୍ରିଜ୍‌ବାଣି	Column 1	Column 2	Column 3
	<p>Lore ipsum dolor sit amet, consectetur adipiscing elit.</p> <p>Maecenas sit amet pretium urna.</p>	<p>Lore ipsum dolor sit amet, consectetur adipiscing elit.</p> <p>Maecenas sit amet pretium urna.</p>	<p>Lore ipsum dolor sit amet, consectetur adipiscing elit.</p> <p>Maecenas sit amet pretium urna.</p>

Footer

ជំហានអំណុលទំនើស

ផោបន់ដោយសាស្ត្រាចារៈ ហើង ភកិលា អនុបណ្ឌិតពីមានវិទា ឯកទេសបង្កើតកម្មវិធី

H/P: 096 226 888 4/ 077358884



1.2.3. Selector With Class

គីម្របក្នុង Selector ដែលគេអាចបង្កើតបានស្របជូននិង Selector with ID ដែរតែគ្រាន់តែអាចបង្កើតឡើងដោយប្រើប្រាស់នូវសញ្ញាណ។) ជាការ ស្របទាំងមួយអាចបង្កើតឡើង Selector with class បានអ្នកអាចប្រើប្រាស់នូវ Attribute Class។

ឧទាហរណ៍ ទៅ

```
<!DOCTYPE html>
<html>
<head>
<style>
p.a {
    text-shadow:2px 2px red;
    font-family: "Times New Roman", Times, serif;
}

p.b {
    font-family: Arial, Helvetica, sans-serif;
    text-shadow:20px 20px red;
}
</style>
</head>
<body>
<h1>The font-family Property</h1>
<p class="a">This is a paragraph, shown in the Times New Roman
font.</p>

<p class="b">This is a paragraph, shown in the Arial font.</p>
</body>
</html>
```

លទ្ធផលនៃទម្រង់

The font-family Property

This is a paragraph, shown in the Times New Roman font.

This is a paragraph, shown in the Arial font.

This is a paragraph, shown in the Arial font.

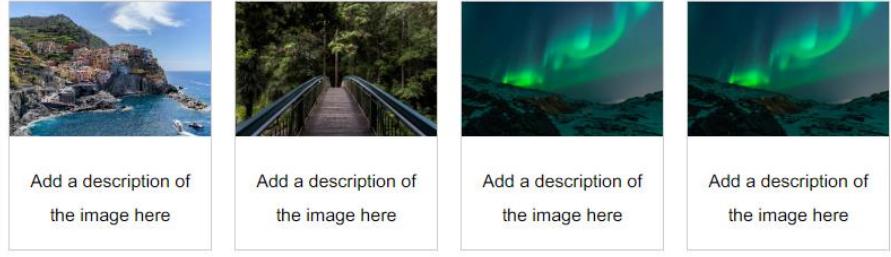


ឧទាហរណ៍ ២៩

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <style>
5  {
6   box-sizing: border-box;
7 }
8 body {
9   margin: 0;
10}
11 /* Style the header */
12 #header {
13   background-color: black;
14   padding: 10px;
15   text-align: center;
16   color:white;
17 }
18 div.gallery {
19   margin: 10px;
20   border: 1px solid #ccc;
21   float:left;
22   width: 180px;
23 }
24 div.gallery:hover {
25   border: 1px solid #777;
26 }
27
28 div.gallery img {
29   width: 100%;
30   height: auto;
31 }
32
33 div.desc {
34   padding: 15px;
35   text-align: center;
36 }
37 </style>
38 </head>
39 <body>
40 <div id="header">
41   <h1>Header page</h1>
42 </div>
43 <div class="gallery">
44   <a target="_blank" href="img_5terre.jpg">
45     
46   </a>
47   <div class="desc">Add a description of the image here</div>
48 </div>
49
50 <div class="gallery">
51   <a target="_blank" href="img_forest.jpg">
52     
53   </a>
54   <div class="desc">Add a description of the image here</div>
55 </div>
56
57 <div class="gallery">
58   <a target="_blank" href="img_lights.jpg">
59     
60   </a>
61   <div class="desc">Add a description of the image here</div>
62 </div>
63 <div class="gallery">
64   <a target="_blank" href="img_lights.jpg">
65     
66   </a>
67   <div class="desc">Add a description of the image here</div>
68 </div>
69 </body>
70 </html>
71
```

លម្អិតលទ្ធលប្បន័យ

Header page



II. ការរៀបចំនូវ Text នៃសេចក្តីផ្តើម CSS

ការរៀបចំនូវ Text តាមរយៈ CSS ដើម្បីអាយការព្រមទាំងត្រួតពិនិត្យ អាយបន្ទាន់ត្រួតពិនិត្យលម្អិត។

ឧទាុន៍ះ ១៖

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <style>
5 .p1{
6   font-family: "Khmer OS Muol";
7   color: Tomato;
8   background-color: DodgerBlue;
9 }
10 .p2 {
11   font-family: "Times New Roman", Times, serif;
12   border: 2px solid DodgerBlue;
13   font-size: 20pt;
14   background-color: #ff6347;
15   text-align: center;
16 }
17 .p3 {
18   font-family: Arial, Helvetica, sans-serif;
19   text-align: justify;
20   text-decoration: overline;
21 }
22 </style>
23 </head>
24 <body>
25
26
27 <h1>CSS Property Text</h1>
28 <p class="p1">Hello Crush, I love you..!</p>
29 <p class="p2">Hello Crush, I love you..!</p>
30 <p class="p3">Hello Crush, I love you..!</p>
31 </body>
32 </html>
```



សាខាអ៊ូរបច្ចេកទេស

CSS Property Text

Hello Crush, I love you..!

Hello Crush, I love you..!

Hello Crush, I love you..!

ឧបាទាន់ ២៖

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <style>
5 .p1{
6   font-family: "Khmer OS Muol";
7   text-transform: uppercase;
8   font-size: 30pt;
9   letter-spacing: 5px;
10  word-spacing: 10px;
11  text-shadow: 0 0 3px #ff0000, 0 0 5px #0000ff;
12 }
13 .p2 {
14   font-family: "Times New Roman", Times, serif;
15   border: 2px solid DodgerBlue;
16   color: white;
17   font-size: 25pt;
18   text-shadow: 2px 2px 4px #000000;
19 }
20 .p3 {
21   font-family: Arial, Helvetica, sans-serif;
22   text-align: justify;
23   text-shadow: 1px 1px 2px black, 0 0 25px blue, 0 0 5px darkblue;
24 }
25 </style>
26 </head>
27 <body>
28 <h1>CSS Property Text</h1>
29 <p class="p1">Hello Crush, I love you..!</p>
30 <p class="p2">Hello Crush, I love you..!</p>
31 <p class="p3">Hello Crush, I love you..!</p>
32 </body>
33 </html>
```

លទ្ធផលនៃការងារទី៣

CSS Property Text

HELLO CRUSH, I LOVE YOU..!

Hello Crush, I love you..!

Hello Crush, I love you..!

III. របៀបបង្កើត Layout តាម CSS

Layout គឺសំដែលឱករាយរបៀបបង្កើតការអំពីការបង្ហាញ ដូចជាបង្ហាញ ទិន្នន័យ របស់ CSS។ ធម្មតានៅក្នុងការប្រើប្រាស់ Web គេកំអាមេរិប្រាស់នូវ Table ដើម្បី ផ្តល់ ការបង្ហាញលើ Website បានដឹងដោយត្រួតពិនិត្យ មានភាពស្រួលស្ថាត និង ទាក់ទង ដូចខាងក្រោម។

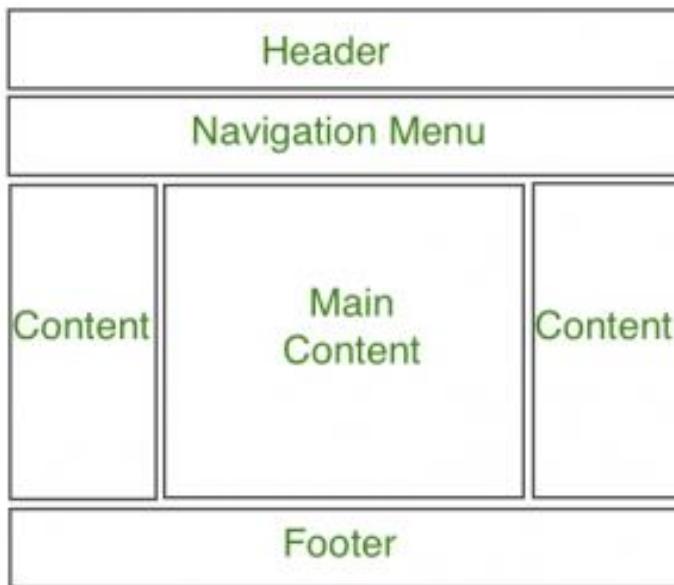


Figure Layout CSS



ឧប្បជ្ជន៍ ១៖

```
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>
5              Website Layout
6          </title>
7          <style>
8
9              /* CSS property for header section */
10             .header {
11                 background-color: Blue;
12                 padding: 15px;
13                 text-align: center;
14             }
15
16             /* CSS property for navigation menu */
17             .nav_menu {
18                 overflow: hidden;
19                 background-color: #333;
20             }
21             .nav_menu a {
22                 float: left;
23                 display: block;
24                 color: white;
25                 text-align: center;
26                 padding: 14px 16px;
27                 text-decoration: none;
28             }
29             .nav_menu a:hover {
30                 background-color: white;
31                 color: green;
32             }
33             .footer {
34                 background-color: #f1f1f1;
35                 padding: 10px;
36                 text-align: center;
37                 background-color: Blue;
38             }
39         }
40     </style>
41 </head>
42
43 <body>
44
45     <!-- header of website layout --&gt;
46     &lt;div class = "header"&gt;
47         &lt;h2 style = "color:white;font-size:200%;"&gt;
48             ETEC Header
49         &lt;/h2&gt;
50     &lt;/div&gt;
51
52     <!-- navigation menu for website layout --&gt;
53     &lt;div class = "nav_menu"&gt;
54         &lt;a href = "#"&gt;ផែវគិត&lt;/a&gt;
55         &lt;a href = "#"&gt;អេឡិចត្រូនិក&lt;/a&gt;
56         &lt;a href = "#"&gt;ទំនាក់ទំនង&lt;/a&gt;
57         &lt;a href = "#"&gt;ទាមរូបគោល&lt;/a&gt;
58     &lt;/div&gt;&lt;br&gt;
59
60         &lt;center style = "font-size:200%;"&gt;
61             Contents
62         &lt;/center&gt;
63         &lt;div class="footer"&gt; Footer &lt;/div&gt;
64     &lt;/body&gt;
65 &lt;/html&gt;</pre>
```



លទ្ធផលនិងខ្លួនរបាយ



Contents

Footer

ឧបាទេនី ២៩

```
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>
5              Website Layout
6          </title>
7          <style>
8              * {
9                  box-sizing: border-box;
10             }
11
12         /* CSS property for header section */
13         .header {
14             background-color: green;
15             padding: 15px;
16             text-align: center;
17         }
18
19         /* CSS property for navigation menu */
20         .nav_menu {
21             overflow: hidden;
22             background-color: #333;
23         }
24         .nav_menu a {
25             float: left;
26             display: block;
27             color: white;
28             text-align: center;
29             padding: 14px 16px;
30             text-decoration: none;
31         }
32         .nav_menu a:hover {
33             background-color: white;
34             color: green;
35         }
36     </style>
```



```
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90 ▼
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97
98
99
100
101
102

    .row{
        content: "";
        display: table;
        clear: both;
    }
    /* CSS property for content section */
    .columnA {
        float: left;
        width: 20%;
        padding: 15px;
    }
    .columnB {
        float: left;
        width: 80%;
        padding: 15px;
        text-align:justify;
    }
    h2 {
        color:green;
        text-align:center;
    }
    .footer {
        background-color: red;
        padding: 10px;
        text-align: center;
    }


```

```
</style>
</head>
<body>
    <!-- header of website layout -->
    <div class = "header">
        <h2 style = "color:white;font-size:200%">
            ETEC Header
        </h2>
    </div>

    <!-- navigation menu of website layout -->
    <div class = "nav_menu">
        <a href = "#">Home</a>
        <a href = "#">About</a>
        <a href = "#">Contact</a>
    </div>

    <!-- Content section of website layout -->
    <div class = "row">

        <div class = "columnA">
            <h2>Column A</h2>
            <p>ETEC IT Professional Training Center...!
            </p>
        </div>
        <div class = "columnB">
            <h2>Column B</h2>
            <p>Prepare for the Recruitment drive of product
                based companies like Microsoft, Amazon, Adobe
                etc with a free online placement preparation
                course. The course focuses on various </p>
        </div>
    </div>

    <div class="footer"> H/P: 096 226 888 4 </div>
</body>
</html>
```



របៀបបង្កើតគម្រោង

The screenshot shows a green header bar with the text "ETEC Header" in white. Below it is a dark grey navigation bar containing the links "Home", "About", and "Contact".

Column A

ETEC IT
Professional
Training
Center...!

Column B

Prepare for the Recruitment drive of product based companies like Microsoft, Amazon, Adobe etc with a free online placement preparation course. The course focuses on various

H/P: 096 226 888 4

ឧបាទេរណ៍ ៣៖

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <style>
5  * {
6    | box-sizing: border-box;
7  }
8
9  body {
10   | font-family: Arial;
11   | padding: 10px;
12   | background: #f1f1f1;
13 }
14
15 /* Header/Blog Title */
16 .header {
17   | padding: 30px;
18   | text-align: center;
19   | background: white;
20 }
21
22 .header h1 {
23   | font-size: 50px;
24 }
25
26 /* Style the top navigation bar */
27 .topnav {
28   | overflow: hidden;
29   | background-color: #333;
30   | font-family:"Khmer OS Muol Pali";
31 }
32
33 /* Style the topnav links */
34 .topnav a {
35   | float: left;
36   | display: block;
37   | color: #f2f2f2;
38   | text-align: center;
39   | padding: 14px 16px;
40   | text-decoration: none;
41 }
42
```



```
43 /* Change color on hover */
44 .topnav a:hover {
45   background-color: #ddd;
46   color: black;
47 }
48
49 /* Create two unequal columns that floats next to each other */
50 /* Left column */
51 .leftcolumn {
52   float: left;
53   width: 75%;
54 }
55
56 /* Right column */
57 .rightcolumn {
58   float: left;
59   width: 25%;
60   background-color: #f1f1f1;
61   padding-left: 20px;
62 }
63
64 /* Fake image */
65 .fakeimg {
66   background-color: #aaa;
67   width: 100%;
68   padding: 20px;
69 }
70
71 /* Add a card effect for articles */
72 .card {
73   background-color: white;
74   padding: 20px;
75   margin-top: 20px;
76 }
77
78 /* Clear floats after the columns */
79 .row::after {
80   content: "";
81   display: table;
82   clear: both;
83 }
84
85 /* Footer */
86 .footer {
87   padding: 20px;
88   text-align: center;
89   background: #ddd;
90   margin-top: 20px;
91 }
92 </style>
93 </head>
94 <body>
95 <div class="header">
96   <h1>ETEC CENTER Header</h1>
97 </div>
98
99 <div class="topnav">
100   <a href="#">ទីកន្លែង</a>
101   <a href="#">ទំនាក់ទំនង</a>
102   <a href="#">ទិន្នន័យ</a>
103   <a href="#" style="float:right">អគ្គនាយក ETEC CENTER</a>
104 </div>
105
106 <div class="row">
107   <div class="leftcolumn">
108     <div class="card">
109       <h2>TITLE HEADING</h2>
110       <h5>Title description, Dec 7, 2022</h5>
111       <div class="fakeimg" style="height:200px;">Image</div>
112       <p>Some text..</p>
113       <p>Sunt in culpa qui officia deserunt mollit anim id est laborum consectetur adipisciing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco.</p>
114     </div>
115   </div>
116   <div class="rightcolumn">
117     <div class="card">
118       <h2>About Me</h2>
119       <div class="fakeimg" style="height:100px;">Image</div>
120       <p>Some text about me in culpa qui officia deserunt mollit anim..</p>
121     </div>
122     <div class="card">
123       <h3>Popular Post</h3>
124       <div class="fakeimg"><p>Image</p></div>
125       <div class="fakeimg"><p>Image</p></div>
126       <div class="fakeimg"><p>Image</p></div>
127     </div>
```



```
128 <div class="card">
129   <h3>Follow Me</h3>
130   <p>Some text...</p>
131 </div>
132 </div>
133 </div>
134
135 <div class="footer">
136   <h2>Footer</h2>
137 </div>
138 </body>
139 </html>
140
141
```

លទ្ធផលទឹកបាន៖

ETEC CENTER Header

សំណង់ សំណង់ សំណង់

អំពី ETEC CENTER

TITLE HEADING

Title description, Dec 7, 2022

Image

Some text..

Sunt in culpa qui officia deserunt mollit anim id est laborum consectetur adipisciing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco.

About Me

Image

Some text about me in culpa qui officia deserunt mollit anim..

Popular Post

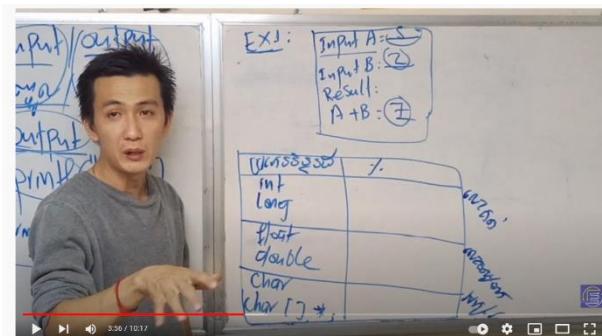
Image

ବ୍ୟାକ୍ ମନୁଷ୍ୟ



ជូនដំណឹង! ស្ថាជំនើលបខ្ចពយក្ស ដីប មុំ ២៧១ មេហ្ឌមែល តីម ១៥០លានអូន្យ ត្រូវមិនការបោះរៀល ជាមួយនឹងសាធារណន៍ និងភាពទាក់ទង្វូគឺសុប់ស្ថុង (Video inside)

2021-11-23 01:03pm



IV. សម្រេចការងារទូទៅនៃ Form តាម CSS

ការបង្កើតនូវ form ក្នុង CSS រាយការណ៍តាមលក្ខណកេដែលអាយកទៅទំនួរនូវ field box ទាំងនេះអាយកាន់តែស្ថាត និងទាក់ទង្វាន់មុន។
ឧទាហរណ៍ ១៖

```
1  <!DOCTYPE html>
2  <html>
3  <style>
4  ▶ input[type=text], select {
5      width: 100%;
6      padding: 12px 20px;
7      margin: 8px 0;
8      display: inline-block;
9      border: 1px solid #ccc;
10     border-radius: 4px;
11     box-sizing: border-box;
12 }
13
14 ▶ input[type=submit],[type=reset] {
15     width: 200px;
16     background-color: #4CAF50;
17     color: white;
18     padding: 14px 20px;
19     margin: 8px 0;
20     border: none;
21     border-radius: 4px;
22     cursor: pointer;
23 }
24
25 input[type=submit]:hover {
26     background-color: #45a049;
27 }
28
29 ▶ div {
30     border-radius: 5px;
31     background-color: black;
32     padding: 20px;
33 }
```



```
34 ▼ label{
35   color: white;
36   font-weight: bold;
37 }
38 </style>
39 <body>
40
41 <h3>Using CSS to style an HTML Form</h3>
42
43 ▼ <div>
44 ▼   <form action="#">
45     <label>គោតគម្រោង:</label>
46     <input type="text" id="fname" name="firstname" placeholder="បញ្ជីឈ្មោះ">
47
48     <label>លេខទូរសព្ទ:</label>
49     <input type="text" id="lname" name="phone" placeholder="បញ្ជីលេខទូរសព្ទ...">
50
51     <label>ប្រជាធិបតេយ្យ:</label>
52     <select id="country" name="country">
53       <option value="australia">Cambodia</option>
54       <option value="canada">Thailand</option>
55       <option value="usa">Vietnam</option>
56     </select>
57
58     <input type="submit" value="បញ្ចូន" /> &nbsp;&nbsp;<input type="reset" value="សំវាគក" />
59   </form>
60 </div>
61
62 </body>
63 </html>
64
```

ឯកទាញសម្រាប់បង្កើត

The screenshot shows a web form with the following structure:

- គោតគម្រោង**: The title of the form.
- ឈ្មោះ**: A text input field containing "បញ្ជីឈ្មោះ".
- លេខទូរសព្ទ**: A text input field containing "បញ្ជីលេខទូរសព្ទ...".
- ប្រជាធិបតេយ្យ**: A dropdown menu showing "Cambodia".
- បញ្ចូន** and **សំវាគក**: Two green buttons at the bottom of the form.



ឧចាបារណ៍ ២៩

```
1  <!DOCTYPE html>
2  <html>
3  <style>
4  form {
5      border: 3px solid #f1f1f1;
6  }
7  /* Full-width inputs */
8  input[type=text], input[type=password] {
9      width: 100%;
10     padding: 12px 20px;
11     margin: 8px 0;
12     display: inline-block;
13     border: 1px solid #ccc;
14     box-sizing: border-box;
15 }
16 /* Set a style for all buttons */
17 button {
18     background-color: #04AA6D;
19     color: white;
20     padding: 14px 20px;
21     margin: 8px 0;
22     border: none;
23     cursor: pointer;
24     width: 100%;
25 }
26 /* Add a hover effect for buttons */
27 button:hover {
28     opacity: 0.8;
29 }
30
31 /* Extra style for the cancel button (red) */
32 .cancelbtn {
33     width: auto;
34     padding: 10px 18px;
35     background-color: #f44336;
36 }
37 </style>
38 <body>
39
40 <form action="#" method="post">
41     <h1>User Login</h1>
42     <div class="container">
43         <label for="uname"><b>Username</b></label>
44         <input type="text" placeholder="Enter Username" name="uname" required>
45
46         <label for="psw"><b>Password</b></label>
47         <input type="password" placeholder="Enter Password" name="psw" required>
48
49         <button type="submit">Login</button>
50         <label>
51             <input type="checkbox" checked="checked" name="remember"> Remember me
52         </label>
53     </div>
54
55     <div class="container" style="background-color:#f1f1f1">
56         <button type="button" class="cancelbtn">Cancel</button>
57         <span class="psw">Forgot <a href="#">password?</a></span>
58     </div>
59 </form>
60
61 </body>
62 </html>
```



ធនបាគ់នគរបាល

User Login

Username

Enter Username

Password

Enter Password

Login

 Remember me[Cancel](#) [Forgot password?](#)

ខ្សោយការណ៍ លទ្ធផល

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <meta name="viewport" content="width=device-width, initial-scale=1">
5  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css" type="text/css">
6  <style>
7  body {
8    font-family: Arial, Helvetica, sans-serif;
9  }
10
11 * {
12   box-sizing: border-box;
13 }
14
15 /* style the container */
16 .container {
17   position: relative;
18   border-radius: 5px;
19   background-color: #f2f2f2;
20   padding: 20px 0 30px 0;
21 }
22
23 /* style inputs and link buttons */
24 input,
25 .btn {
26   width: 100%;
27   padding: 12px;
28   border: none;
29   border-radius: 4px;
30   margin: 5px 0;
31   opacity: 0.85;
32   display: inline-block;
33   font-size: 17px;
34   line-height: 20px;
35   text-decoration: none; /* remove underline from anchors */
36 }
```



```
38  input:hover,
39  .btn:hover {
40  | opacity: 1;
41  }
42
43 /* add appropriate colors to fb, twitter and google buttons */
44 .fb {
45  background-color: #3B5998;
46  color: white;
47 }
48
49 .twitter {
50  background-color: #55ACEE;
51  color: white;
52 }
53
54 .google {
55  background-color: #dd4b39;
56  color: white;
57 }
58
59 /* style the submit button */
60 input[type=submit] {
61  background-color: #04AA6D;
62  color: white;
63  cursor: pointer;
64 }
65
66 input[type=submit]:hover {
67  background-color: #45a049;
68 }
69
70 /* Two-column layout */
71 .col {
72  float: left;
73  width: 50%;
74  margin: auto;
75  padding: 0 50px;
76  margin-top: 6px;
77 }
78
79 /* Clear floats after the columns */
80 .row:after {
81  content: "";
82  display: table;
83  clear: both;
84 }
85
86 /* vertical line */
87 .vl {
88  position: absolute;
89  left: 50%;
90  transform: translate(-50%);
91  border: 2px solid #ddd;
92  height: 175px;
93 }
94
95 /* text inside the vertical line */
96 .vl-innertext {
97  position: absolute;
98  top: 50%;
99  transform: translate(-50%, -50%);
100 background-color: #f1f1f1;
101 border: 1px solid #ccc;
102 border-radius: 50%;
103 padding: 8px 10px;
104 }
105
```



```
106  /* hide some text on medium and large screens */
107 .hide-md-lg {
108 |   display: none;
109 }
110
111 /* bottom container */
112 ▼ .bottom-container {
113 |   text-align: center;
114 |   background-color: #666;
115 |   border-radius: 0px 0px 4px 4px;
116 }
117 </style>
118 </head>
119 <body>
120   <h1> Log in form </h1>
121 ▼ <div class="container">
122 ▼   <form action="/action_page.php">
123 ▼     <div class="row">
124       <h2 style="text-align:center">Login with Social Media or Manually</h2>
125       <div class="vl">
126         <span class="vl-innertext">or</span>
127       </div>
128
129 ▼     <div class="col">
130       <a href="#" class="fb btn">
131         <i class="fa fa-facebook fa-fw"></i> Login with Facebook
132       </a>
133       <a href="#" class="twitter btn">
134         <i class="fa fa-twitter fa-fw"></i> Login with Twitter
135       </a>
136       <a href="#" class="google btn"><i class="fa fa-google fa-fw">
137         </i> Login with Google+
138       </a>
139     </div>
140
141 ▼     <div class="col">
142       <div class="hide-md-lg">
143         <p>Or sign in manually:</p>
144       </div>
145
146       <input type="text" name="username" placeholder="Username" required>
147       <input type="password" name="password" placeholder="Password" required>
148       <input type="submit" value="Login">
149     </div>
150
151   </div>
152 </form>
153 </div>
154
155 <div class="bottom-container">
156   <div class="row">
157     <div class="col">
158       <a href="#" style="color:white" class="btn">Sign up</a>
159     </div>
160     <div class="col">
161       <a href="#" style="color:white" class="btn">Forgot password?</a>
162     </div>
163   </div>
164 </div>
165
166 </body>
167 </html>
168
```



ធនក្រាសនៃទិន្នន័យខេត្ត

Log in form

Login with Social Media or Manually

f Login with Facebook

or

Username

or

Twitter Login with Twitter

G Login with Google+

Password

Login

Sign up

Forgot password?

Ref: https://www.w3schools.com/howto/howto_css_login_form.asp

V. គម្រោង Menu នូវ CSS

Menu គឺជាប្រភេទ កន្លែងប្រមូលដីនូវការ Link ត្រូវបាន Page ម្នាយទៅកាន់ Page ឬក្នុងផ្ទាំង ឬ ជាកន្លែងដែលផ្តល់ក្នុងវា Category Link ពី Page ម្នាយទៅកាន់ page ម្នាយផ្សេងៗទៀត។ ឧទាហរណ៍គ្រាមគឺជាប្រភេទ Menu របស់ CSS ដូចខាងក្រោម

១) Horizontal Menu: គឺជាប្រភេទ Menu ដែកដែលអាចបង្ហាញអាជីស ពើស ការត្រូវបានតាមលក្ខណៈ Horizontal bar ។



ឧទាហរណ៍ ទៅ

```
<!DOCTYPE html>
<html>
<head>
<style>
ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
    overflow: hidden;
    background-color: #333;
}

li {
    float: left;
}

li a {
    display: block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

li a:hover:not(.active) {
    background-color: #111;
}

.active {
    background-color: #4CAF50;
}
</style>
</head>
<body>
<h1 align="center"> Horizontal Menu </h1>
<ul>
    <li><a class="active" href="#home">Home</a></li>
    <li><a href="#news">News</a></li>
    <li><a href="#contact">Contact</a></li>
    <li><a href="#about">About</a></li>
</ul>

</body>
</html>
```

លទ្ធផលទឹកប្រាក់

Horizontal Menu

Home News Contact About

ឧទាភរណ៍ ២៩

```
<!DOCTYPE html>
<html>
<head>
<style>
body {
    font-size: 28px;
}
ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
    overflow: hidden;
    background-color: #333;
    position: -webkit-sticky; /* Safari */
    position: sticky;
    top: 0;
}
li {
    float: left;
}
li a {
    display: block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}
li a:hover {
    background-color: #111;
}
.active {
    background-color: #4CAF50;
}
</style>
</head>
<body>
<div class="header">
    <h2>Scroll Down</h2>
    <p>Scroll down to see the sticky effect.</p>
</div>
<ul>
    <li><a class="active" href="#home">Home</a></li>
    <li><a href="#news">News</a></li>
    <li><a href="#contact">Contact</a></li>
</ul>
<h3>Sticky Navigation Bar Example</h3>
<p>The navbar will <strong>stick</strong> to the top when you reach its s
<p><strong>Note:</strong> Internet Explorer, Edge 15 and earlier versions
Safari requires a -webkit- prefix.</p>
</body>
</html>
```

ନେଟ୍‌କୋମ୍ ଓ ନେଟ୍‌ବାଣିଃ

Scroll Down

Scroll down to see the sticky effect.

[Home](#) | [News](#) | [Contact](#)

Sticky Navigation Bar Example

The navbar will **stick** to the top when you reach its scroll position.

Note: Internet Explorer, Edge 15 and earlier versions do not support :positioning. Safari requires a -webkit- prefix.



២) Vertical Menu: គីជាប្រភេទ Menu លម្អិតសមតាមលក្ខណៈ Vertical bar ។

រឿងការភ្លាប់តាមលក្ខណៈ Vertical bar ។

ឧចាបរណ៍ ១៩

```
<!DOCTYPE html>
<html>
<head>
<style>
ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
    width: 200px;
    background-color: #f1f1f1;
}

li a {
    display: block;
    color: #000;
    padding: 8px 16px;
    text-decoration: none;
}

li a.active {
    background-color: #4CAF50;
    color: white;
}

li a:hover:not(.active) {
    background-color: #555;
    color: white;
}
</style>
</head>
<body>

<h2>Vertical Navigation Bar</h2>
<p>In this example, we create an "active" class with a green background added to the "Home" link.</p>

<ul>
<li><a class="active" href="#home">Home</a></li>
<li><a href="#news">News</a></li>
<li><a href="#contact">Contact</a></li>
<li><a href="#about">About</a></li>
</ul>

</body>
</html>
```

លទ្ធផលទទួលបាន៖

Vertical Navigation Bar

In this example, we create an "active" class with a green background

Home

News

Contact

About



ឧទាហរណ៍ ៦៩



```
<!DOCTYPE html>
<html>
<head>
<style>
body {
    margin: 0;
}

ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
    width: 25%;
    background-color: #f1f1f1;
    position: fixed;
    height: 100%;
    overflow: auto;
}

li a {
    display: block;
    color: #000;
    padding: 8px 16px;
    text-decoration: none;
}

li a.active {
    background-color: #4CAF50;
    color: white;
}

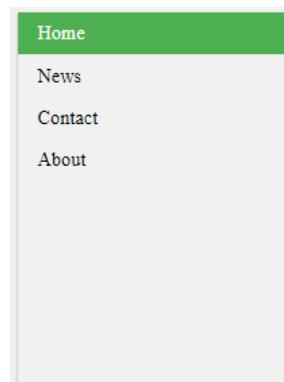
li a:hover:not(.active) {
    background-color: #555;
    color: white;
}
</style>
</head>
<body>

<ul>
    <li><a class="active" href="#home">Home</a></li>
    <li><a href="#news">News</a></li>
    <li><a href="#contact">Contact</a></li>
    <li><a href="#about">About</a></li>
</ul>

<div style="margin-left:25%;padding:1px 16px;height:1000px;">
    <h2>Fixed Full-height Side Nav</h2>
</div>

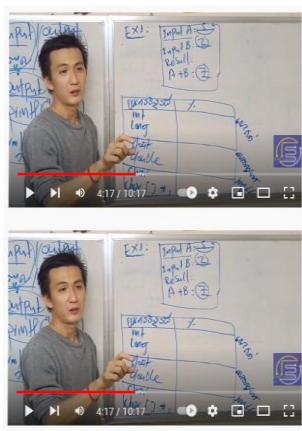
</body>
</html>
```

លទ្ធផលទូលបាន:



Fixed Full-height Side Nav

លំបាត់អនុម័តលេខ ១

[HOME](#) [ABOUT](#) [SERVICES](#) [CYBER SECURITY](#) [LIFE @ TCCSL](#) [CAREERS](#) [CONTACT](#)

Browse Jobs

Function

[Architecture/Engineering \(226\)](#)[Accounting \(243\)](#)[Administration \(106\)](#)[Assistant/Secretary \(75\)](#)[Audit/Taxation \(42\)](#)[Bank/Insurance \(245\)](#)[Cashier/Receptionist \(42\)](#)[Catering/Restaurant \(60\)](#)[Consultancy \(8\)](#)[Cook/Cleaner/Maid \(33\)](#)[Customer Service \(83\)](#)[Design \(79\)](#)[Driver/Security \(41\)](#)[Education/Training \(106\)](#)[Finance \(75\)](#)[Hotel/Hospitality \(52\)](#)[Human Resource \(98\)](#)[IT \(254\)](#)[Lawyer/Legal Service \(21\)](#)[Logistics/Shipping/Deliver/Wa... \(85\)](#)[Management \(132\)](#)

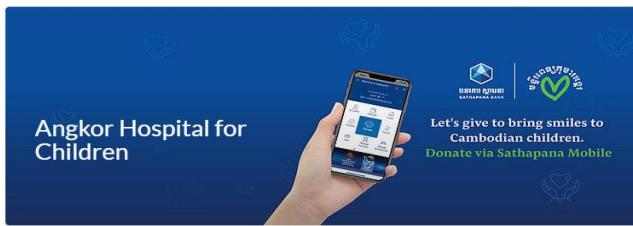
About Us

CamHR

[Service Hotline: 023 919 086 023 969 088](#)[About Us](#)[023 919 087 023 919 089](#)[Contact Us](#)



សំណងអនុវត្តលេខ



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