

Web 1: chào theo giờ

File index.html

```
<!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>Document</title>
    <link rel="stylesheet" href="style.css" />
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"
></script>
  </head>
  <body>
    <div class="container">
      <div class="header">
        <p class="header-text">Chào theo giờ</p>
      </div>
      <div class="main">
        <label for="">Nhập giờ:</label>
        <input type="text" class="timer-input" id="timer-input" />

        <label for="" id="message"></label>
      </div>
      <div class="footer">
        <button id="hello">Chào</button>
      </div>
    </div>

    <script src="./main.js"></script>
  </body>
</html>
```

File main.js

```
$(function () {  
    $("input").change(function () {  
        var timer = $(this).val();  
        console.log(timer);  
        $("button").click(function () {  
            var message;  
            if (timer <= 12) {  
                message = "Chào buổi sáng";  
            } else if (timer <= 17) {  
                message = "Chào buổi chiều";  
            } else {  
                message = "Chào buổi tối";  
            }  
  
            $("#message").append(message);  
        });  
    });  
});
```

File style.css

```
* {  
    padding: 0;  
    margin: 0;  
    box-sizing: border-box;  
}  
  
.container {  
    padding: 0 500px;  
}  
  
.header,  
.footer {  
    padding: 10px 30px;  
    background-color: aqua;  
    text-align: center;  
}
```

```

.header-text {
  font-size: 20px;
  font-weight: 700;
  color: blue;
  text-transform: uppercase;
}

.main {
  height: 100px;
  background-color: aquamarine;
}

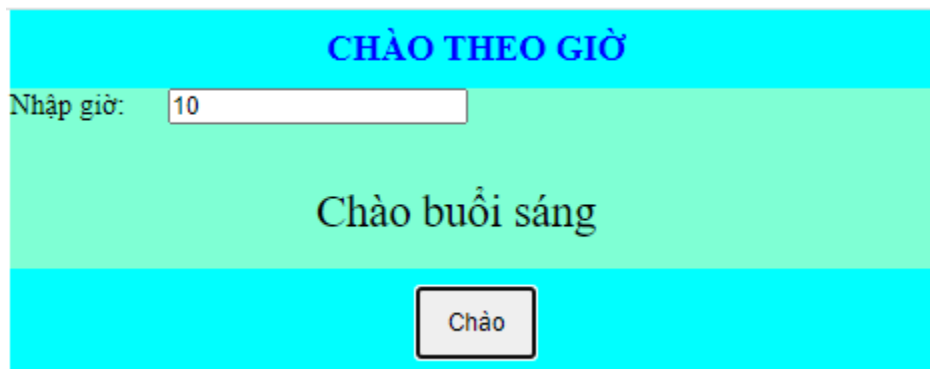
.timer-input {
  margin-left: 20px;
}

#message {
  display: block;
  margin-left: 170px;
  margin-top: 35px;
  font-size: 25px;
}

#hello{
  padding: 10px 15px;
}

```

Kết quả



CHÀO THEO GIỜ

Nhập giờ:

Chào buổi sáng

Chào

Web 2: diện tích và chu vi hình tròn

File index.html

```
<!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" />
    <link rel="stylesheet" href="style.css" />
    <link rel="stylesheet" href="style.css" />
    <title>Document</title>
  </head>

  <body>
    <div class="container">
      <div class="header">
        <p class="header-text">Diện tích và chu vi hình tròn</p>
      </div>

      <div class="main">
        <div class="main-content">
          <label class="label-text" for=""
            >Bán kính
          </label>
          <input type="text" name="" id="bankinh" />
        </div>
        <div class="main-content">
          <label class="label-text" for=""
            >Diện tích
          </label>
          <input type="text" id="dientich" />
        </div>
        <div class="main-content">
          <label class="label-text" for=""
            >Chu vi
          </label>
          <input type="text" id="chuvi" />
        </div>
      </div>
    </div>
  </body>
</html>
```

```

        </div>

    </div>
    <button id="tinh" onclick="tinhTong()">Tính</button>

    <script src="./main.js"></script>
</body>
</html>

```

File main.js

```

function tinhTong() {
    var bankinh = document.getElementById("bankinh").value;

    var chuvi = bankinh * 2 * 3.14;
    var dientich = bankinh * bankinh * 3.14;

    document.getElementById("chuvi").value = chuvi;
    document.getElementById("dientich").value = dientich;

    console.log(chuvi);
    console.log(dientich);
}

```

File style.css

```

* {
    padding: 0;
    margin: 0;
    box-sizing: border-box;
}

.container {
    padding: 0 500px;
}

.header {
    padding: 10px 30px;
}

```

```

    background-color: bisque;
    text-align: center;
}

.label-text{
    display: inline-block;
    min-width: 100px;
}

.main-content{
    margin-bottom: 20px;
}

.header-text{
    font-size: 20px;
    font-weight: 700;
    color: blue;
    text-transform: uppercase;
}

.pstt{
    display: block;
}

#mang1{
    width: 200px;
    height: 200px;
}

```

Kết quả

DIỆN TÍCH VÀ CHU VI HÌNH TRÒN	
Bán kính	<input type="text" value="5"/>
Diện tích	<input type="text" value="78.5"/>
Chu vi	<input type="text" value="31.400000000000002"/>
<input type="button" value="Tính"/>	

Web 3: phát sinh mảng và tính toán

File index.html

```
<!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>Web_01_C</title>
    <link rel="stylesheet" href="style.css" type="text/css" />
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"
></script>
  </head>
  <body>
    <div id="content">
      <table>
        <tr id="content__title">
          <h2>PHÁT SINH MẢNG VÀ TÍNH TOÁN</h2>
        </tr>
        <tr class="content__input">
          <td class="input__number">Nhập số phần tử:</td>
          <td class="input__number">
            <input type="text" class="Number" />
          </td>
        </tr>
        <tr>
          <td class="input__number"></td>
          <td class="input__number">
            <button>Phát sinh và tính toán</button>
          </td>
        </tr>
        <tr>
          <td>Mảng:</td>
          <td><input type="text" id="Array" class="result"
/></td>
        </tr>
      </table>
    </div>
  </body>
</html>
```

```

        <tr>
            <td>GTLN(MAX) trong mảng:</td>
            <td><input type="text" id="MAX" class="result"
/></td>

        </tr>
        <tr>
            <td>TTNN(MIN) trong mảng:</td>
            <td><input type="text" id="MIN" class="result"
/></td>

        </tr>
        <tr>
            <td>Tổng mảng:</td>
            <td><input type="text" id="SUM" class="result"
/></td>

        </tr>
    </table>
    <p>
        (<b>Ghi chú: </b> Các phần tử trong mảng sẽ có giá trị
từ 0 đến
        20)
    </p>
</div>
</body>
<script src="./main.js" type="text/javascript"></script>
</html>

```

File main.js

```

$(function(){
    var NumArr = "";
    $("button").click(function(){
        var numArr = $(".Number").val();
        var Max = 0;
        var Min = 20;
        var Num;
        for(i = 0; i < numArr; i++){
            Num = Math.floor(Math.random() * 20);
            NumArr = NumArr + Num + " ";
            if (Num > Max)

```



```

        Max = Num;
        if (Num < Min)
            Min = Num;
    }

    var EleNum = NumArr.split(' ');
    var Sum = 0;
    $.each(EleNum, function(index,value){
        Sum = Sum + Number(value);
    });

    $("#Array").val(NumArr);
    $("#MAX").val(Max);
    $("#MIN").val(Min);
    $("#SUM").val(Sum);
});
});

```

File style.css

```

* {
    padding: 0;
    margin: 0;
    box-sizing: border-box;
}

body {
    display: flex;
    justify-content: center;
    align-items: center;
}

#content {
    width: 500px;
    height: 250px;
    margin: 120px auto;
    background-color: #ffe6ff;
    border-radius: 10px;
}

```

```
td {
  width: 100%;
  border-radius: 10px;
}

tr td input {
  margin-right: 100px;
  border-radius: 10px;
  padding-left: 5px;
}

h2 {
  text-align: center;
  color: #fff;
  background-color: #993366;
  font-family: "Moon Dance", cursive;
  padding: 10px;
  border-radius: 10px;
}

button {
  height: 25px;
  width: 150px;
  background-color: yellow;
  border-radius: 10px;
}

p {
  text-align: center;
}

b {
  color: red;
}

.title {
  margin-left: 10px;
}

.input__number {
  background-color: #ffccff;
}
```

```

}

#Array,
#MAX,
#MIN,
#SUM {
  background-color: #993366;
}

```

Kết quả:

PHÁT SINH MẢNG VÀ TÍNH TOÁN

Nhập số phần tử:

Phát sinh và tính toán

Mảng:

GTLN(MAX) trong mảng:

TTNN(MIN) trong mảng:

Tổng mảng:

(Ghi chú: Các phần tử trong mảng sẽ có giá trị từ 0 đến 20)

Web 4: Validation(name & email)

File index.html

```

<!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" />
    <link rel="stylesheet" href="style.css" />
    <title>Document</title>
  </head>
  <body>

```

```

<div class="container">
  <div class="container-content" id="bgn">
    <label class="text" for="" id="name">Name</label>
    <input id="ten" type="text" />
    <p class="message" id="messagename"></p>
  </div>

  <div class="container-content" id="bgemail">
    <label class="text" for="" id="email">Email</label>
    <input id="ymeo" type="text" />
    <p class="message" id="messageemail"></p>
  </div>
  <button onclick="Validate()">Check</button>
</div>

<script src="./main.js"></script>
</body>
</html>

```

File main.js

```

function Validate() {
  var name = document.getElementById("ten").value;
  var email = document.getElementById("ymeo").value;
  var messageName = document.getElementById("messagename");
  var messageEmail = document.getElementById("messageemail");
  console.log(name);

  var bgn = document.getElementById("bgn");
  var bgemail = document.getElementById("bgemail");
  if (name == 0 || name == null) {
    messageName.innerText = "Name is required";
    messageName.style.color = "red";
    bgn.style.backgroundColor = "blue";

    console.log(name);
  } else {
    bgn.style.removeProperty("backgroundColor");
  }
}

```

```
if (email == 0 || email == null) {  
    messageEmail.innerText = "Email is required";  
    messageEmail.style.color = "red";  
  
    bgemail.style.backgroundColor = "blue";  
}  
}
```

File style.css

```
* {  
    padding: 0;  
    margin: 0;  
    box-sizing: border-box;  
}  
  
.container {  
    padding: 0 500px;  
}  
  
.container-content {  
    margin-bottom: 20px;  
}  
  
.text {  
    display: inline-block;  
    min-width: 100px;  
}  
  
.message {  
    display: inline-block;  
}
```

Kết quả:

TH1: check đúng

Name	<input type="text" value="Công Sử"/>
Email	<input type="text" value="congsu2k1@gmail.com"/>
<input type="button" value="Check"/>	

TH2: check lỗi

Name	<input type="text"/>	Name is required
Email	<input type="text" value="congsu2k1@gmail.com"/>	
<input type="button" value="Check"/>		

Web 5: search

File index.html

```
<!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" />
    <link rel="stylesheet" href="style.css" />
    <title>Document</title>
  </head>
  <body>
    <div class="container">
      <table class="table" id="table">
        <thead>
          <tr>
            <th scope="col">
              ID
              <input
                type="text"
                name=""
                id="search_id"
                onkeyup="FilterkeyWord()"
```

```

        />
    </th>

    <th scope="col">
        First Name
        <input
            type="text"
            name=""
            id="search_firstname"
            onkeyup="FilterkeyWord()"
        />
    </th>

    <th scope="col">
        Last Name
        <input
            type="text"
            name=""
            id="search_lastname"
            onkeyup="FilterkeyWord()"
        />
    </th>
    <th scope="col">
        Email
        <input
            type="text"
            name=""
            id="search_email"
            onkeyup="FilterkeyWord()"
        />
    </th>
</tr>
</thead>
<tbody id="my-table"></tbody>
</table>
</div>

<script src="./main.js"></script>
</body>

```

```
</html>
```

File main.js

```
fetch("infor.json")
  .then(function (response) {
    return response.json();
  })
  .then(function (data) {
    console.log(data);

    var table = document.getElementById("my-table");
    for (var i = 0; i < data.length; i++) {
      var row = `<tr>
        <td>${data[i].ID}</td>
        <td>${data[i].firstname}</td>
        <td>${data[i].lastname}</td>
        <td>${data[i].email}</td>`;

      table.innerHTML += row;
    }
  })
  .catch(function (err) {
    console.log(err);
  });

function FilterkeyWord() {
  // Declare variables

  var inputSearchId = document.getElementById("search_id");
  var inputSearchFirstName =
document.getElementById("search_firstname");
  var inputSearchLastName =
document.getElementById("search_lastname");
  var inputSearchEmail = document.getElementById("search_email");
  var filter = inputSearchId.value.toLowerCase();
  var filter1 = inputSearchFirstName.value.toLowerCase();
  var filter2 = inputSearchLastName.value.toLowerCase();
  var filter3 = inputSearchEmail.value.toLowerCase();
```



```

var table = document.getElementById("table");
var tr = table.getElementsByTagName("tr");

// Loop through all table rows, and hide those who don't match the
search query
for (i = 0; i < tr.length; i++) {
    // change index to change your column search
    td = tr[i].getElementsByTagName("td")[0];
    td1 = tr[i].getElementsByTagName("td")[1];
    td2 = tr[i].getElementsByTagName("td")[2];
    td3 = tr[i].getElementsByTagName("td")[3];

    if (td && td1 && td2 && td3) {
        if (
            td.innerHTML.toLowerCase().indexOf(filter) > -1 &&
            td1.innerHTML.toLowerCase().indexOf(filter1) > -1 &&
            td2.innerHTML.toLowerCase().indexOf(filter2) > -1 &&
            td3.innerHTML.toLowerCase().indexOf(filter3) > -1
        ) {
            tr[i].style.display = "";
        } else {
            tr[i].style.display = "none";
        }
    }
}
}

```

File infor.json

```

[
  {
    "ID": 1,
    "firstname": "John",
    "lastname": "Doe",
    "email": "john@example.com"
  },
  {
    "ID": 2,
    "firstname": "July",

```

```
    "lastname": "Dooley",
    "email": "july@greatstuff.com"
  },
  {
    "ID": 3,
    "firstname": "Anja",
    "lastname": "Ravendate",
    "email": "a_r@test.com"
  }
]
```

File style.css

```
* {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
}

.container {
  padding: 0 500px;
}

.container-content{
  margin-bottom: 20px;
}

.text{
  display: inline-block;
  min-width: 100px;
}

.message{
  display: inline-block;
}
```

Kết quả:

ID	First Name	Last Name	Email
1	John	Doe	john@example.com
2	July	Dooley	july@greatstuff.com
3	Anja	Ravendate	a_r@test.com