Web-based programming with Java

HIBERNATE

Java™

JQuery

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- Thư viện
- Cấu trúc mã
- Sự kiện
- Selector
- Làm việc với thẻ
- Hàm

- **Cơ sở (Core)**
  - ✳ `<script src="js/jquery.min.js"></script>`
  - ✳ Tải: http://jquery.com

- **Giao diện (UI pluggin)**
  - ✳ `<script src="js/jquery-ui.min.js"></script>`
  - ✳ Tải: http:// jqueryui.com

- **Kiểm lỗi (Validation pluggin)**
  - ✳ `<script src="js/jquery.validate.min.js"></script>`
  - ✳ Tải: http://jqueryvalidation.org/

```html
<!DOCTYPE html>
<html>
<head>
    <title>Tiêu đề trang</title>

    <script src="js/jquery.min.js"></script>
    <script>
        $(function () {
            // mã jquery của bạn đặt ở đây
        });
    </script>

</head>
<body>
    Nội dung trang web
</body>
</html>
```
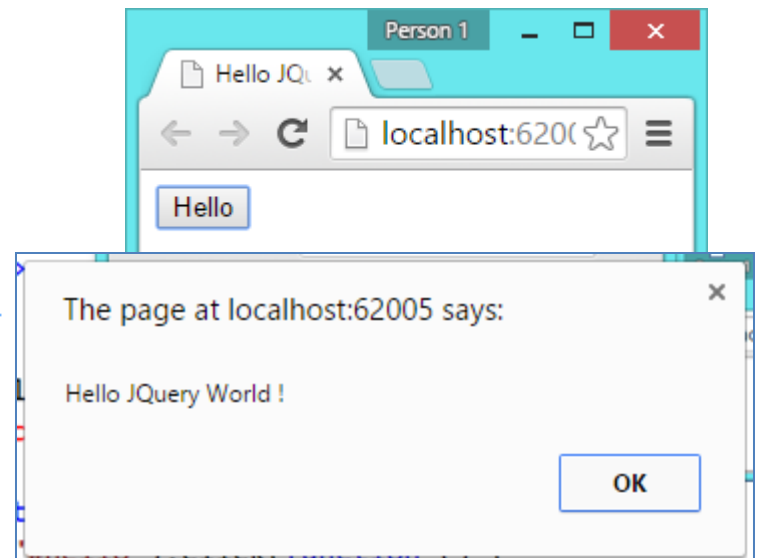
```html
<!DOCTYPE html>
<html>
<head>
    <title>Hello JQuery</title>
    <script src="js/jquery.min.js"></script>
    <script>
        $(function () {
            $("#hello").click(function () {
                alert("Hello JQuery World !");
            });
        });
    </script>
</head>
<body>
    <button id="hello">Hello</button>
</body>
</html>
```

ATTRIBUTE

CSS

```html
<h1 title="Chào thế giới" style="color:red;">
    <b>Hello</b> World
</h1>
```

HTML

- $("h1").**html**([html])

- $("h1").**attr**(name[,value]) / $("h1").**prop**(name[,value])

- $("h1").**css**(name[,value])

- $("h1").css({name1:value1, name2:value2,…})

```html
<h1 title="Chào thế giới" style="color:red;">
    <b>Hello</b> World
</h1>
<button id="html">HTML</button>
<button id="css">CSS</button>
<button id="attribute">Attribute</button>
```

Hello World

[HTML] [CSS] [Attribute]

```
<script src="js/jquery.min.js"></script>
<script>
    $(function () {
        $("#html").click(function () {
            var html = $("h1").html();
            alert(html);
            $("h1").html("Welcome to JQuery World");
        });
        $("#css").click(function () {
            var css = $("h1").css("color");
            alert(css);
            $("h1").css({ "color": "blue", "font-size": "50px" });
        });
        $("#attribute").click(function () {
            var title = $("h1").attr("title");
            alert(title);
            $("h1").attr("title", "Thế giới JQuery");
        });
    });
</script>
```

- CSS Selector
  - ✳ HTML, Class, ID
  - ✳ Context
  - ✳ Attribute Filter

- Form Selector
  - ✳ $(":<type>")
  - ✳ $(":checked")
  - ✳ $(":blank")

- [More](#)

CÁC HÀM THƯỜNG DÙNG

- **Form field**
  - $(selector).**val**([value])
- **Kích thước**
  - $(selector).**width**([value])
  - $(selector).**height**([value])
- **Hiệu ứng**
  - $(selector).**hide**([name, duration, callback])
  - $(selector).**show**([name, duration, callback])
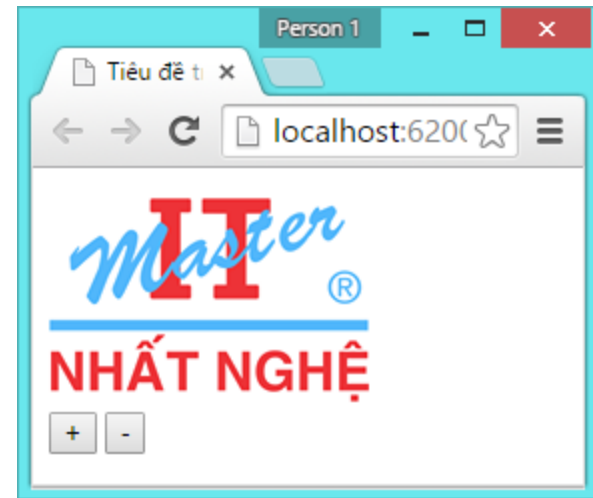 - $(selector).**animate**([options, duration, callback])
  - $(selector).**effect**([name, opts, duration, callback])

```html
<script src="js/jquery.min.js"></script>
<script>
    $(function () {
        $("#inc").click(function () {
            w = $(".logo").width();
            $(".logo").width(w + 1);
        });
        $("#dec").click(function () {
            w = $(".logo").width();
            $(".logo").width(w - 1);
        });
    });
</script>
<img class="logo" src="images/nn-logo.png" />
<br />
<button id="inc">+</button>
<button id="dec">-</button>
```

LÀM VIỆC VỚI FORM

```html
<script src="js/jquery.min.js"></script>
<script>
    $(function () {
        $("button").click(function () {
            name = $("input[name=name1]").val();
            $("input[name=name2]").val(name);

            country = $("select[name=country1]").val();
            $("select[name=country2]").val(country);
        });
    });
</script>
```
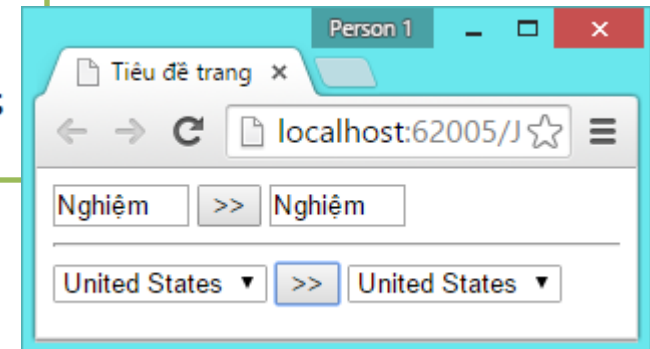
```html
<input name="name1" />
<button>>></button>
<input name="name2" />
<hr />
<select name="country1">
    <option value="VN">Việt Nam</option>
    <option value="US">United States</option>
</select>
<button>>></button>
<select name="country2">
    <option value="VN">Việt Nam</option>
    <option value="US">United States</option>
</select>
```

$(control).val([value])

HIỆU ỨNG

```
<script src="js/jquery.min.js"></script>
<script>
    $(function () {
        $(".effect button:eq(0)").click(function () {
            $("img").show(100);
        });
        $(".effect button:eq(1)").click(function () {
            $("img").hide(1000);
        });
        $(".effect button:eq(2)").click(function () {
            $("img").toggle(500);
        });
    });
</script>

<div class="effect">
    <button>Show</button>
    <button>Hide</button>
    <button>Toggle</button>
</div>
<img src="images/grad-job.jpg" />
```
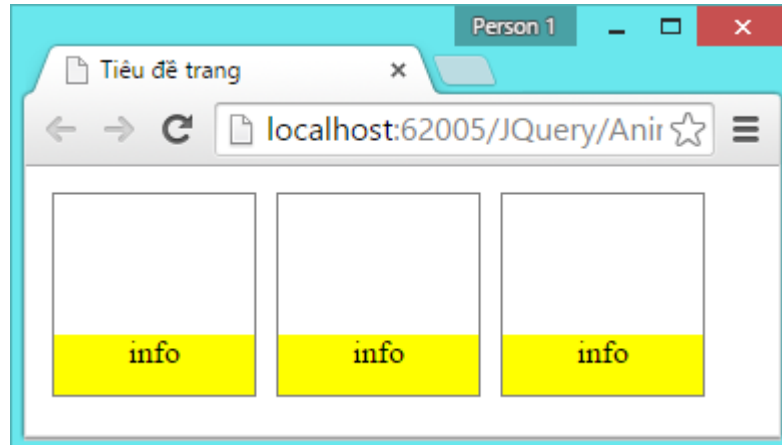
ANIMATE

```css
.box{
    width:100px;
    height:100px;
    margin:5px;
    border:1px solid gray;
    overflow:hidden;
    float:left;
    position:relative;
}
.info{
    width:100px;
    height:30px;
    background:yellow;
    text-align:center;
    position:absolute;
    left:0px;
    bottom:0px;
}
```
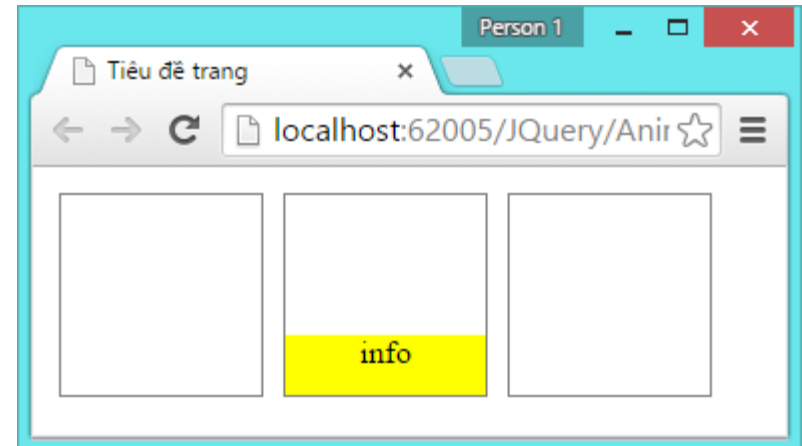


```html
<div class="box">
    <div class="info">info</div>
</div>
<div class="box">
    <div class="info">info</div>
</div>
<div class="box">
    <div class="info">info</div>
</div>
```

```
<script src="js/jquery.min.js"></script>
<script>
    $(function () {
        $(".box").hover(fnMouseOver, fnMouseOut);
    });
    function fnMouseOver() {
        $(this).find(".info").stop().animate({ bottom: "0px" });
    }
    function fnMouseOut() {
        $(this).find(".info").stop().animate({ bottom: "-30px" });
    }
</script>
```

● $(selector).**hover**(f1,f2)

● $(this).**find**(selector)

● $.**stop**().**animate**(css)

DATEPICKER

```html
<!DOCTYPE html>
<html>
<head>
    <title>Tiêu đề trang</title>

    <script src="js/jquery.min.js"></script>

    <link href="css/ui-lightness/jquery-ui.min.css" rel="stylesheet" />
    <script src="js/jquery-ui.min.js"></script>


    <script>
        $(function () {
            $(".datepicker").datepicker();
        });
    </script>

</head>
<body>
    <input class="datepicker" />
</body>
</html>
```
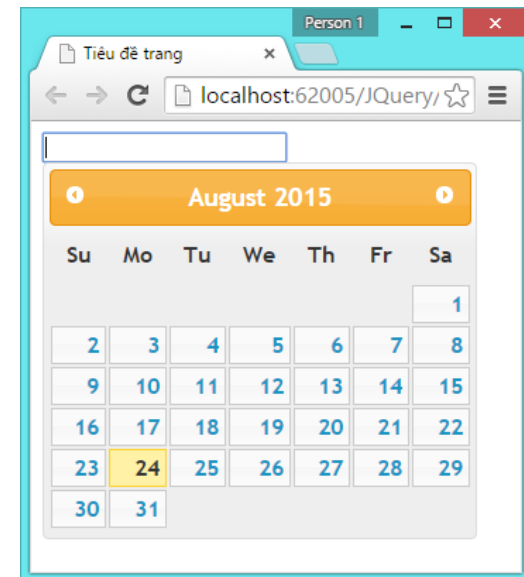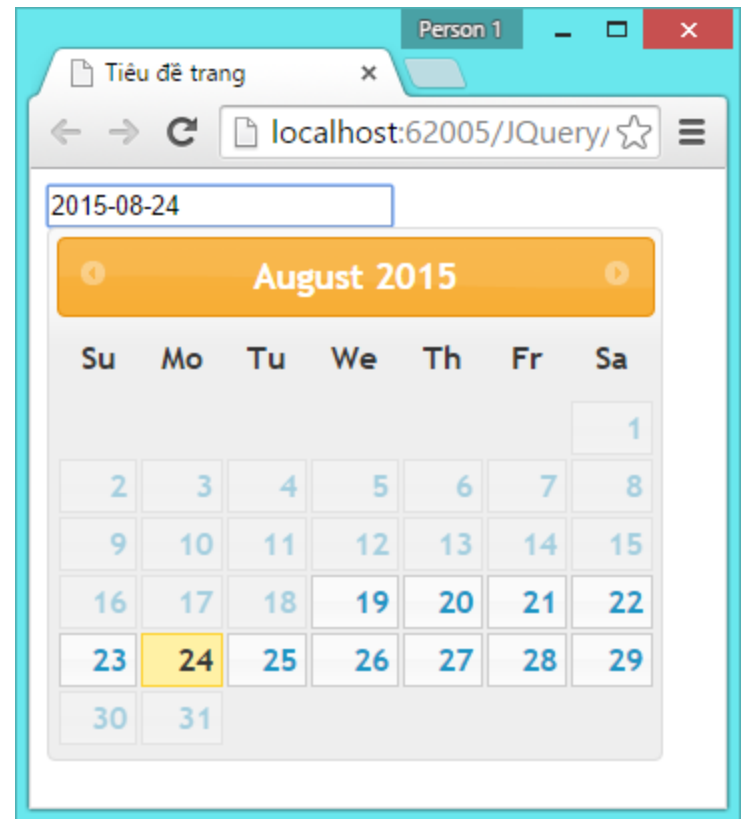
```html
<script>
    $(function () {
        $(".datepicker").datepicker({
            dateFormat: 'yy-mm-dd',
            minDate: '-5D',
            maxDate:'+5D'
        });
    });
</script>
```

- ☑ Thư viện
- ☑ Cấu trúc mã
- ☑ Sự kiện
- ☑ Selector
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- ☑ Hàm