

Professional Diploma in Commercial Web Design

Lesson 10

MySQL

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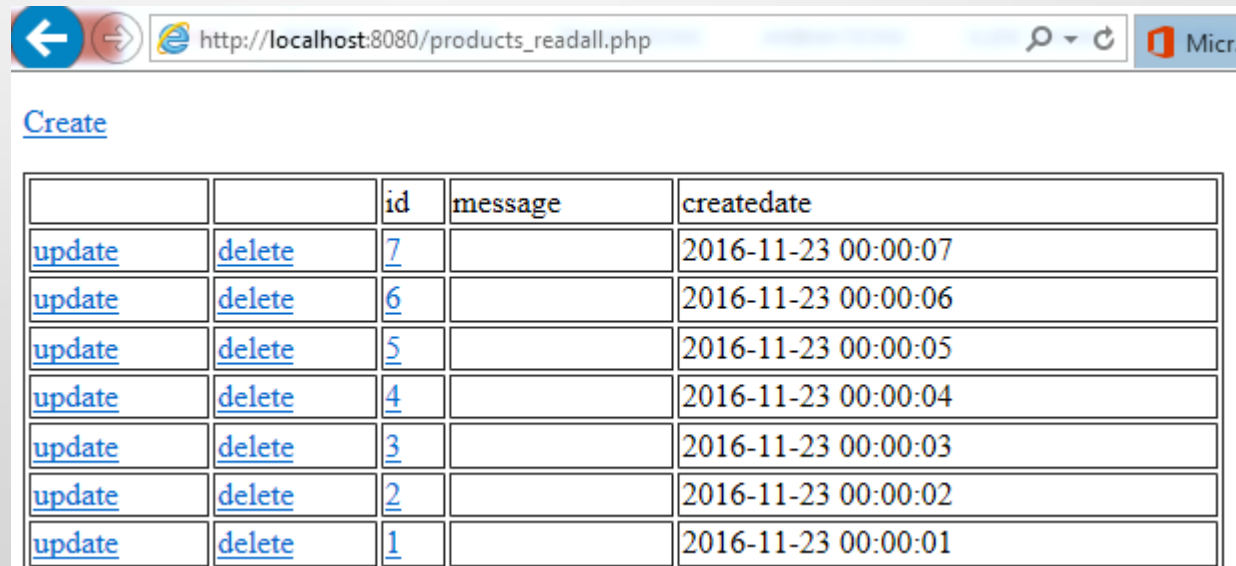
Products

Download from share

- products.css
- products.sql
- db.inc.php
- sms_readall.php
- sms_readone.php
- images folder

Readall

- Open sms_readall.php. Save as products_readall.php
- Ctrl+H replace **sms** to **products**

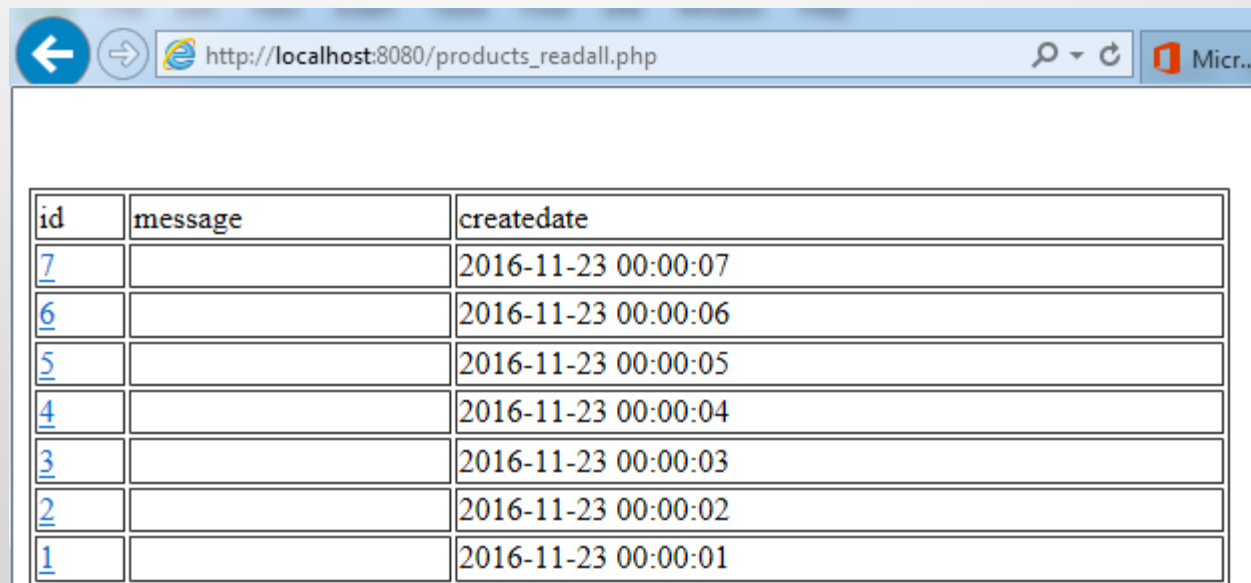


The screenshot shows a web browser window with the address bar displaying 'http://localhost:8080/products_readall.php'. Below the address bar, there is a link labeled 'Create'. The main content area contains a table with five columns: two empty columns, 'id', 'message', and 'createdate'. The table has eight rows of data, each with 'update' and 'delete' links in the first two empty columns, and a numeric 'id' in the third column. The 'message' and 'createdate' columns are empty for all rows.

		id	message	createdate
update	delete	7		2016-11-23 00:00:07
update	delete	6		2016-11-23 00:00:06
update	delete	5		2016-11-23 00:00:05
update	delete	4		2016-11-23 00:00:04
update	delete	3		2016-11-23 00:00:03
update	delete	2		2016-11-23 00:00:02
update	delete	1		2016-11-23 00:00:01

Remove useless links

- Remove **Create** link
- Remove **Update** and **Delete** column






A screenshot of a web browser window. The address bar shows the URL `http://localhost:8080/products_readall.php`. The browser window displays a table with three columns: `id`, `message`, and `createdate`. The `id` column contains values from 1 to 7, each with a blue underline. The `message` column is empty for all rows. The `createdate` column contains timestamps from 2016-11-23 00:00:01 to 2016-11-23 00:00:07.

id	message	createdate
7		2016-11-23 00:00:07
6		2016-11-23 00:00:06
5		2016-11-23 00:00:05
4		2016-11-23 00:00:04
3		2016-11-23 00:00:03
2		2016-11-23 00:00:02
1		2016-11-23 00:00:01

Change field

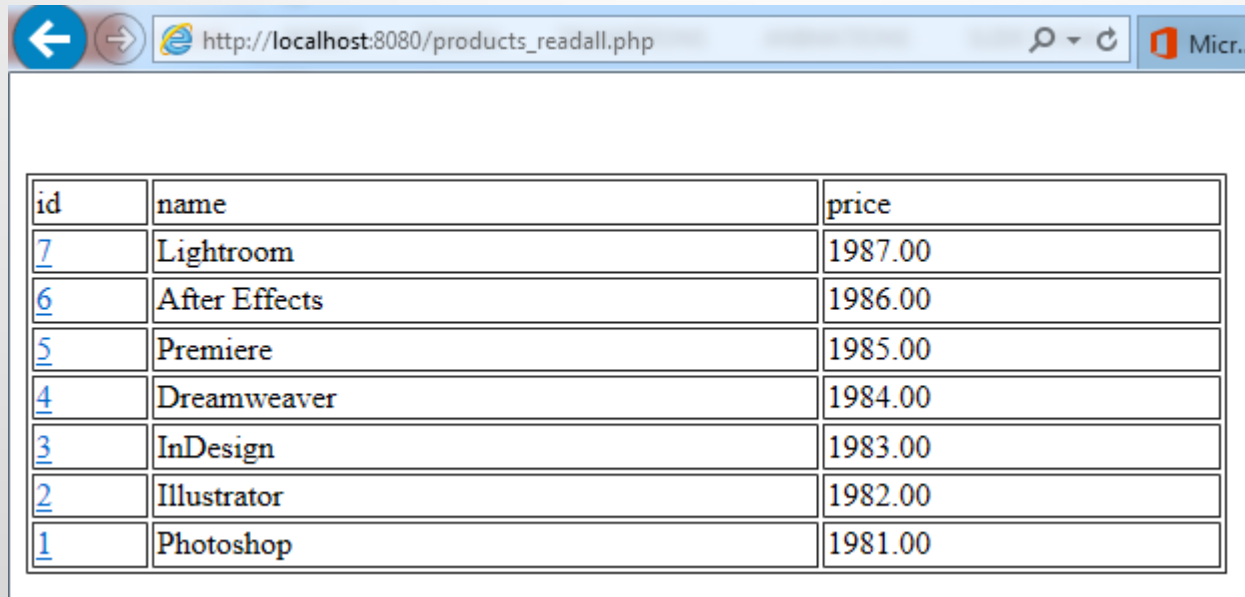
- Change **message** to **name** and **createdate** to **price** in both table header and PHP code

code

id	name	price
		

```
28 ▼      <?php
29 ▼  foreach($result as $record){
30      ?>
31 ▼      <tr>
32          <td><a href="products_read.php?id=<?php
              >"><?php echo $record['id']; ?></a></td>
33          <td><?php echo $record['name']; ?></td>
34          <td><?php echo $record['price']; ?></td>
35      </tr>
36 ▼      <?php
37          }
38      ?>
```

Result



A screenshot of a web browser window. The address bar shows the URL `http://localhost:8080/products_readall.php`. The browser's taskbar at the bottom shows the Microsoft Edge icon and the text "Micr..". The main content area displays a table with three columns: `id`, `name`, and `price`. The table contains seven rows of data, each with a blue underlined link in the `id` column.

id	name	price
7	Lightroom	1987.00
6	After Effects	1986.00
5	Premiere	1985.00
4	Dreamweaver	1984.00
3	InDesign	1983.00
2	Illustrator	1982.00
1	Photoshop	1981.00

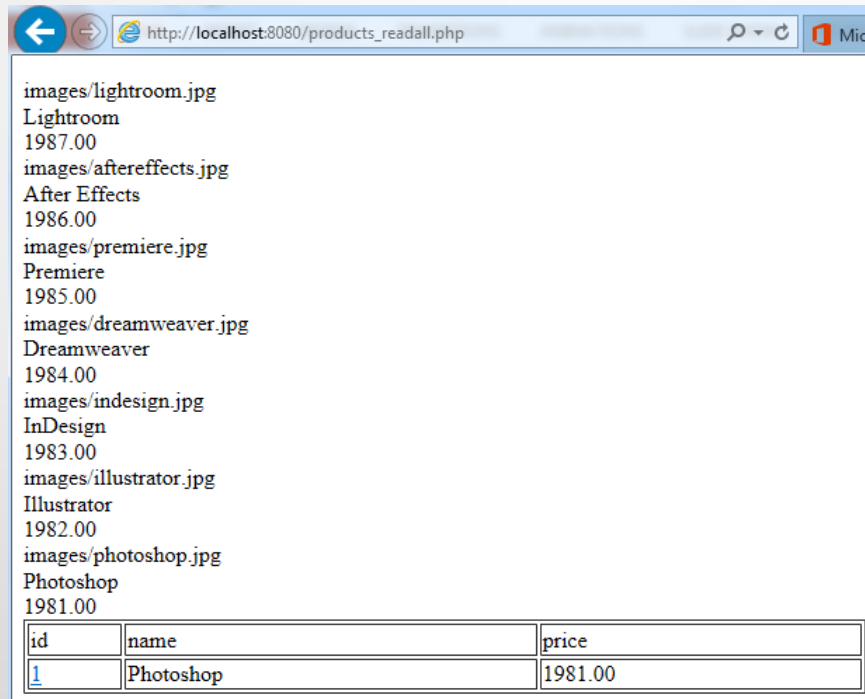
HTML Layout

- `div.products_list>div.product>div.product_image+div.product_name+div.product_price`

PHP

- Move PHP code outside **div.product**.
- `<?php`
- `foreach($recordset as $record){`
- `?>`
- `[...]`
- `<?php } ?>`

Result



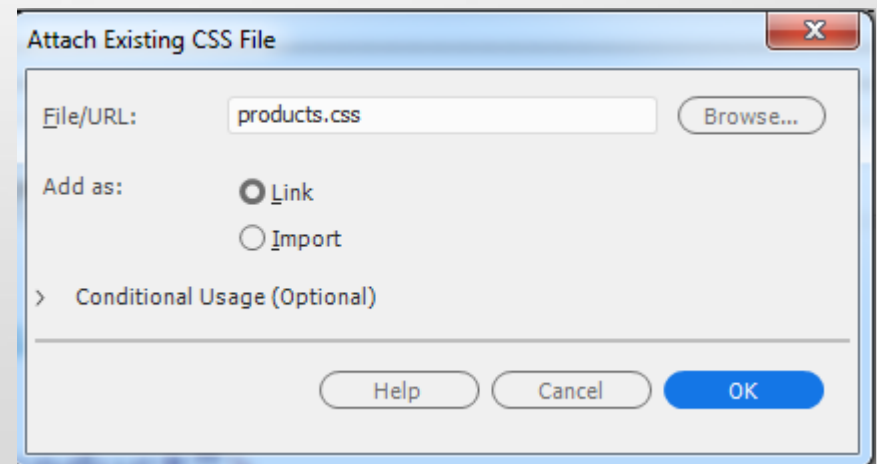
A screenshot of a web browser window showing a list of products. The browser's address bar displays 'http://localhost:8080/products_readall.php'. The page content lists several products with their image paths, names, and prices. At the bottom, there is a table with three columns: 'id', 'name', and 'price'. The table contains one row with the value '1' in the 'id' column, 'Photoshop' in the 'name' column, and '1981.00' in the 'price' column.

images/lightroom.jpg	Lightroom	1987.00
images/aftereffects.jpg	After Effects	1986.00
images/premiere.jpg	Premiere	1985.00
images/dreamweaver.jpg	Dreamweaver	1984.00
images/indesign.jpg	InDesign	1983.00
images/illustrator.jpg	Illustrator	1982.00
images/photoshop.jpg	Photoshop	1981.00

id	name	price
1	Photoshop	1981.00

CSS

- Attach products.css
- File -> Attach Style Sheet



Result

images/lightroom.jpg
Lightroom
1987.00

images/aftereffects.jpg
After Effects
1986.00

images/premiere.jpg
Premiere
1985.00

images/dreamweaver.jpg
Dreamweaver
1984.00

images/indesign.jpg
InDesign
1983.00

images/illustrator.jpg
Illustrator
1982.00

images/photoshop.jpg
Photoshop
1981.00

Image

- ``
- Move `<?php echo $record['image']; ?>` inside **src**
- `width="100" height="100"`

```
<div class="product">
  <div class="product_image">
    
  </div>
  <div class="product_name"><?php echo $record['name']; ?></div>
  <div class="product_price"><?php echo $record['price']; ?></div>
</div>
```

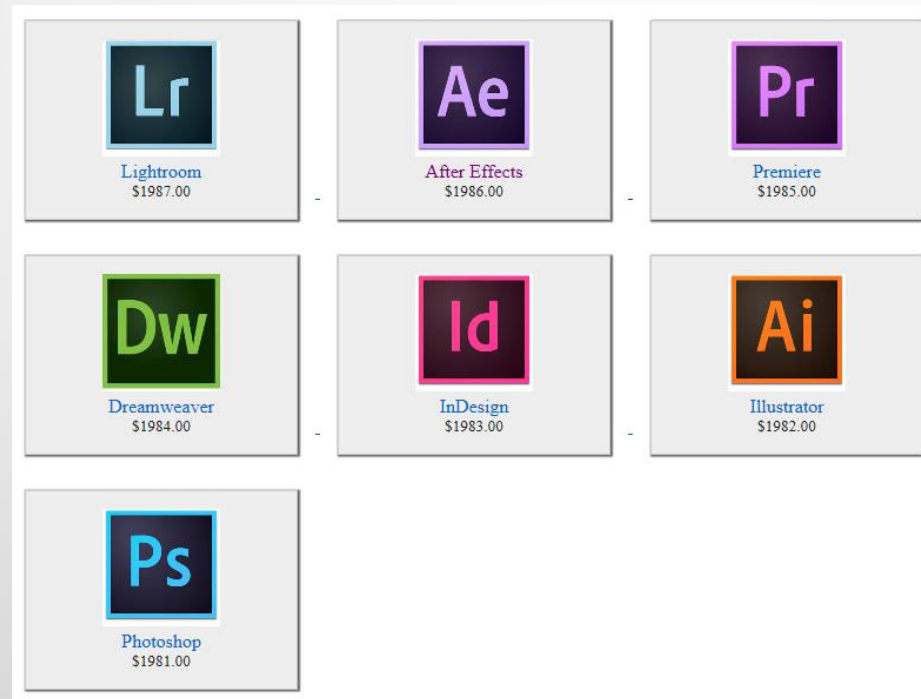
Link

- Move link HTML code outside **div.product**.
- `<a href="products_read.php?id=<?php echo $record['id']; ?>">`
- `[...]`
- ``

Dollar sign

- Add a dollar sign before the price.

Result



Readone

- Open sms_readone.php. Save as products_read.php
- Ctrl+H replace **sms** to **products**

Add fields

- Add all db fields to the table

```
<tr>
```

```
<td>name</td>
```

```
<td><?php echo $record['name']; ?></td>
```

```
</tr>
```

Design view

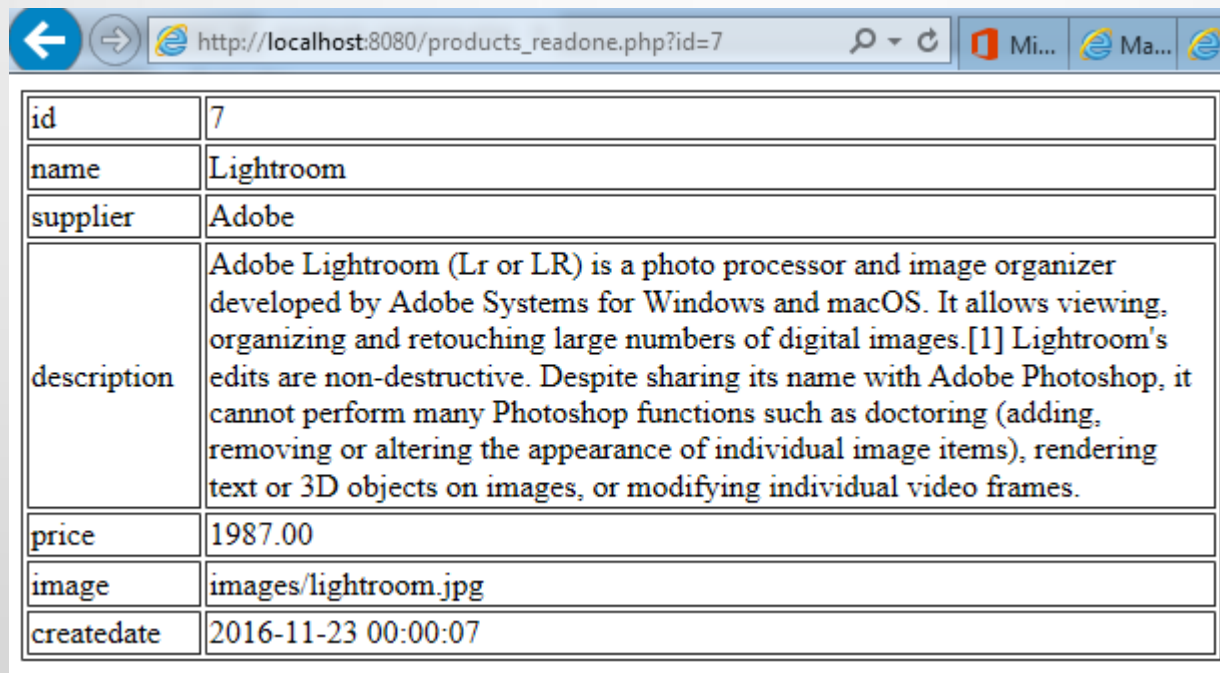
600 ▼	
83 ▼	501 ▼
id	php
name	php
supplier	php
description	php
price	php
image	php
createdate	php

[Back to read all](#)

Code

```
<table width="600" border="1">
  <tbody>
    <?php
    foreach($result as $record){
    ?>
      <tr>
        <td width="83">id</td>
        <td width="501"><?php echo $record['id']; ?></td>
      </tr>
      <tr>
        <td>name</td>
        <td><?php echo $record['name']; ?></td>
      </tr>
      <tr>
        <td>supplier</td>
        <td><?php echo $record['supplier']; ?></td>
      </tr>
      <tr>
        <td>description</td>
        <td><?php echo $record['description']; ?></td>
      </tr>
      <tr>
        <td>price</td>
        <td><?php echo $record['price']; ?></td>
      </tr>
      <tr>
        <td>image</td>
        <td><?php echo $record['image']; ?></td>
      </tr>
      <tr>
        <td>createdate</td>
```

Result



id	7
name	Lightroom
supplier	Adobe
description	Adobe Lightroom (Lr or LR) is a photo processor and image organizer developed by Adobe Systems for Windows and macOS. It allows viewing, organizing and retouching large numbers of digital images.[1] Lightroom's edits are non-destructive. Despite sharing its name with Adobe Photoshop, it cannot perform many Photoshop functions such as doctoring (adding, removing or altering the appearance of individual image items), rendering text or 3D objects on images, or modifying individual video frames.
price	1987.00
image	images/lightroom.jpg
createdate	2016-11-23 00:00:07

Classwork

- Add dollar sign
- Change image file name to image



QUESTIONS