

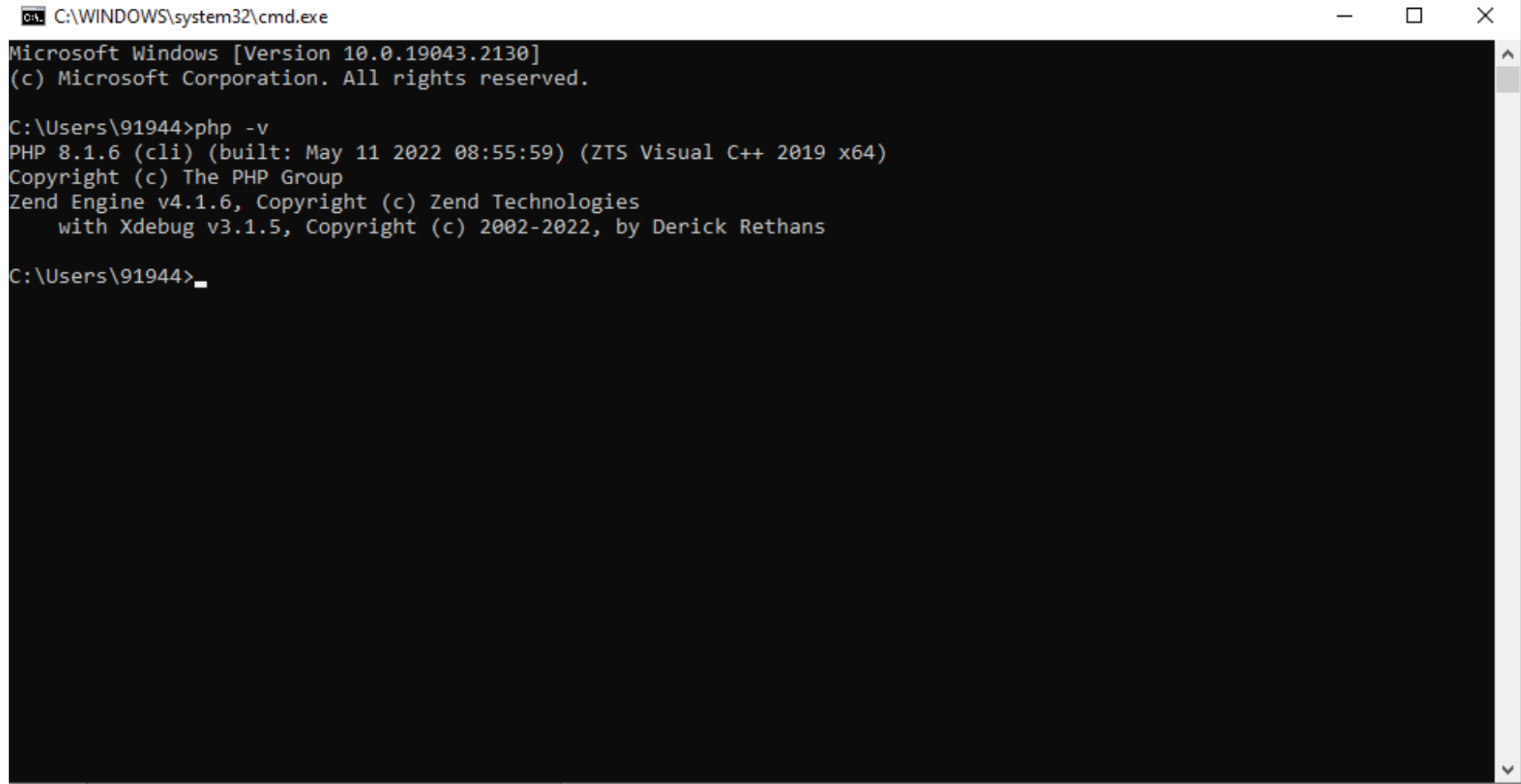
Component-1

Advanced Web Engineering

Samrat Jung Karki

C7261112

➔ PHP Version : 8.1.6



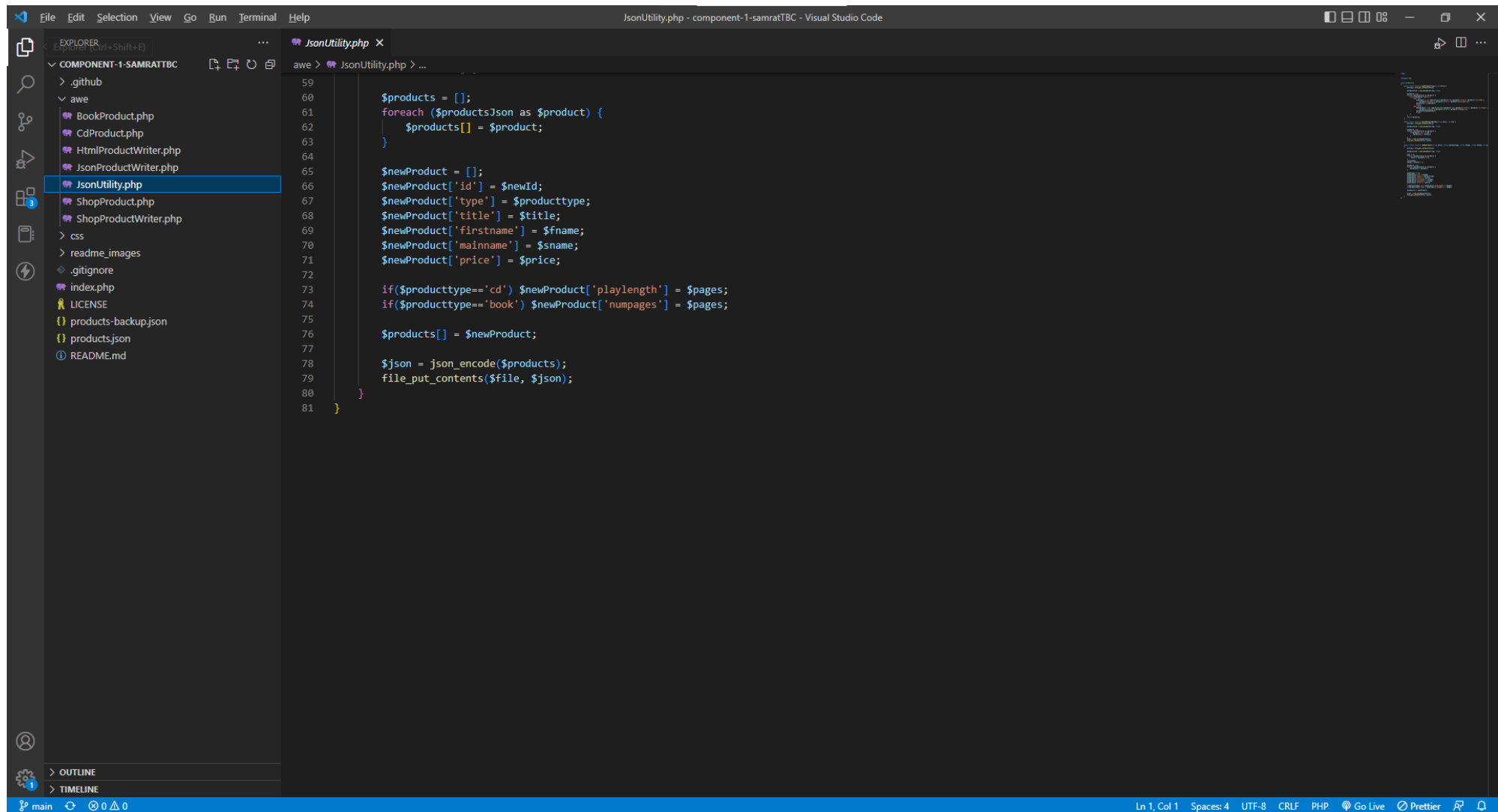
A screenshot of a Windows Command Prompt window. The title bar at the top reads "C:\WINDOWS\system32\cmd.exe" and includes standard window controls (minimize, maximize, close). The command prompt shows the output of the command "php -v". The output text is as follows:

```
Microsoft Windows [Version 10.0.19043.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\91944>php -v
PHP 8.1.6 (cli) (built: May 11 2022 08:55:59) (ZTS Visual C++ 2019 x64)
Copyright (c) The PHP Group
Zend Engine v4.1.6, Copyright (c) Zend Technologies
    with Xdebug v3.1.5, Copyright (c) 2002-2022, by Derick Rethans

C:\Users\91944>
```

➔ IDE of choice/used: VS code



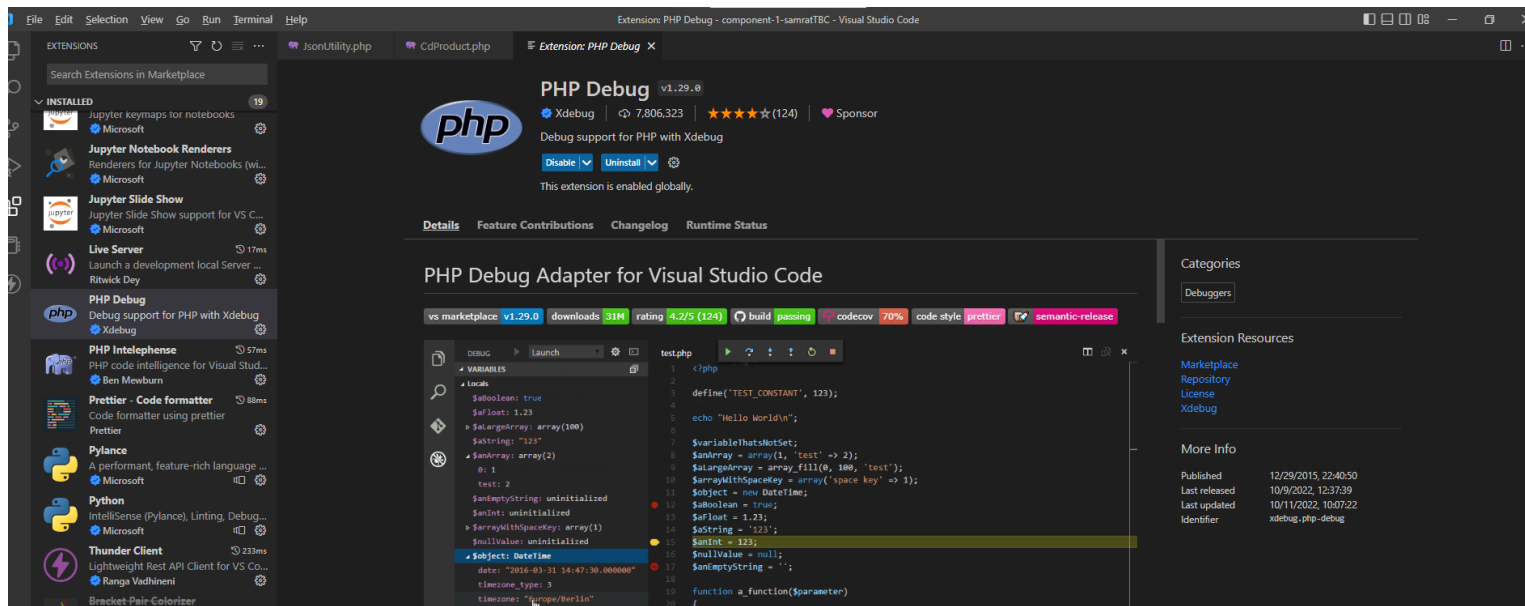
```
59
60
61 $products = [];
62 foreach ($productsJson as $product) {
63     $products[] = $product;
64 }
65
66 $newProduct = [];
67 $newProduct['id'] = $newId;
68 $newProduct['type'] = $producttype;
69 $newProduct['title'] = $title;
70 $newProduct['firstname'] = $fname;
71 $newProduct['mainname'] = $sname;
72 $newProduct['price'] = $price;
73
74 if($producttype=='cd') $newProduct['playlength'] = $pages;
75 if($producttype=='book') $newProduct['numpages'] = $pages;
76
77 $products[] = $newProduct;
78
79 $json = json_encode($products);
80 file_put_contents($file, $json);
81 }
```

→ Xdebug installed? Yes

C:\WINDOWS\system32\cmd.exe

```
C:\Users\91944>php -v
PHP 8.1.6 (cli) (built: May 11 2022 08:55:59) (ZTS Visual C++ 2019 x64)
Copyright (c) The PHP Group
Zend Engine v4.1.6, Copyright (c) Zend Technologies
    with Xdebug v3.1.5, Copyright (c) 2002-2022, by Derick Rethans

C:\Users\91944>
```



➔ Changes made in the code/repo and commits:

Total Commits: 4

🔒 tbc-bsc-l6 / component-1-samratTBC Private

generated from oceanquest/aweComponent1

👁 Watch 1

🍴 Fork 0

☆ Star 0

<> Code

🔍 Issues

🔗 Pull requests 1

🔄 Actions

📁 Projects

🛡 Security

📊 Insights

⚙ Settings

main

Commits on Oct 28, 2022

added dummy datas to the json file

🌟 samratTBC committed 9 minutes ago

📄

d7cf4b1

<>

🚩 Tip

Commits on Oct 26, 2022

Added a new case for game in JsonUtility, created an extra condition ...

🌟 samratTBC committed 2 days ago

📄

218dcd5

<>

🚩 Tip

Created a new Function in the HtmlProductWriter to view the existing ...

🌟 samratTBC committed 2 days ago

📄

b77b325

<>

🚩 Tip

Created new php class for gameProduct extending ShopProduct class

🌟 samratTBC committed 2 days ago

📄

40e00c7

<>

🚩 Tip

Commits on Oct 18, 2022

Initial Test commit

🌟 samratTBC committed 10 days ago

📄

e2cb39f

<>

🚩 Tip

Setting up GitHub Classroom Feedback

🖥 github-classroom[bot] committed 10 days ago

Verified

📄

711df3a

<>

🚩 Tip

GitHub Classroom Feedback

🖥 github-classroom[bot] committed 10 days ago

Verified

📄

4a97622

<>

🚩 Tip

Initial commit

🖥 github-classroom[bot] committed 10 days ago

Verified

📄

644cede

<>

🚩 Tip

Newer

Older

➔ Changes in GameProduct (created a new class inheriting Shop Product)

Showing 1 changed file with 36 additions and 0 deletions.

Split Unified

36
awe/GameProduct.php

... @@ -0,0 +1,36 @@

```
1 + <?php
2 +
3 + namespace awe;
4 +
5 + class GameProduct extends ShopProduct
6 + {
7 +     private $pegi;
8 +
9 +     public function __construct(
10 +         string $id,
11 +         string $console,
12 +         string $firstName,
13 +         string $title,
14 +         float $price,
15 +         int $pegi
16 +     )
17 +     {
18 +         parent::__construct(
19 +             $id,
20 +             $title,
21 +             "", /*passing empty string as we are using parent constructor and
22 +                wouldn't be using firstname in gameProduct,
23 +                as the view wouldn't contain any firstname field*/
24 +             $console,
25 +             $price
26 +         );
27 +         $this->pegi=$pegi;
28 +     }
29 +
30 +     public function getPegi()
31 +     {
32 +         return $this->pegi;
33 +     }
34 + }
35 +
36 + >>
```

➔ Changes in HtmlProductWriter File

```
43  @ -34,20 +34,24 @@ private function htmlBody()  
34      foreach ($this->products as $product) {  
35          if($product instanceof BookProduct) $bookproducts[] = $product;  
36          if($product instanceof CdProduct) $cdproducts[] = $product;  
37      }  
38  
39      $booktable = $this->generateBookTable($bookproducts);  
40      $cdtable = $this->generateCdTable($cdproducts);  
41  
42      $addProduct = $this->generateAddProductForm();  
43  
44      return  
45          '<body>'  
46          . $booktable .  
47          '<br />'  
48          . $cdtable .  
49          '<br />'  
50          . $addProduct .  
51          '</body>';  
52  }  
53  
113  @ -113,6 +117,36 @@ private function generateCdTable($cdproducts)  
114      </table>';  
115  }  
34      foreach ($this->products as $product) {  
35          if($product instanceof BookProduct) $bookproducts[] = $product;  
36          if($product instanceof CdProduct) $cdproducts[] = $product;  
37 +         if($product instanceof GameProduct) $gameproducts[] = $product;  
38      }  
39  
40      $booktable = $this->generateBookTable($bookproducts);  
41      $cdtable = $this->generateCdTable($cdproducts);  
42 +     $gametable = $this->generateGameTable($gameproducts);  
43  
44      $addProduct = $this->generateAddProductForm();  
45  
46      return  
47          '<body>'  
48          . $booktable .  
49          '<br />'  
50 +         . $cdtable .  
51          '<br />'  
52 +         . $gametable .  
53          '<br />'  
54 +         . $addProduct .  
55          '</body>';  
56  }  
57  
117      </table>';  
118  }  
119  
120 + private function generateGameTable($gameproducts)  
121 + {  
122 +     $contents = '';  
123 +     foreach ($gameproducts as $game) {  
124 +         $contents .= '<tr>  
125 +             <td>'.$game->getTitle(). '</td>'  
126 +             . '<td>'.$game->getFullName(). '</td>'  
127 +             . '<td>'.$game->getPegi(). '</td>'  
128 +             . '<td>'.$game->getPrice(). '</td>'  
129 +             . '<td>'. '<a href="/index.php?delete='.$game->getId().'">X</a>'. '</td>'  
130 +             . '</tr>';  
131 +         }  
132 +     }  
132 +     return
```

		134 + <h3>Games</h3>	134 +
		135 + <table class="paleBlueRows equal-width">	135 +
		136 + <thead>	136 +
		137 + <tr>	137 +
		138 + <th>CONSOLE</th>	138 +
		139 + <th>TITLE</th>	139 +
		140 + <th>PEGI</th>	140 +
		141 + <th>PRICE</th>	141 +
		142 + <th>DELETE</th>	142 +
		143 + </tr>	143 +
		144 + </thead>	144 +
		145 + <tbody>	145 +
		146 + .\$.contents.	146 +
		147 + '</tbody>	147 +
		148 + </table>';	148 +
		149 + }	149 +
116	private function generateAddProductForm()	150	private function generateAddProductForm()
117	{	151	{
118	return '	152	return '
118	@@ -123,21 +157,22 @@ private function generateAddProductForm()		
123	<select id="producttype" name="producttype">	157	<select id="producttype" name="producttype">
124	<option value="cd">CD</option>	158	<option value="cd">CD</option>
125	<option value="book">Book</option>	159	<option value="book">Book</option>
		160 +	<option value="game">Game</option>
126	</select>	161	</select>
127	 	162	
128	 	163	
129	<label for="name">Author / Artist:</label> 	164	<label for="name">Author / Artist:</label>
130	<label for="fname">First Name:</label>	165	<label for="fname">First Name:</label>
131	<input type="text" id="fname" name="fname"> 	166	<input type="text" id="fname" name="fname">
132 -	<label for="sname">Main Name / Surname:</label>	167 +	<label for="sname">Main Name / Surname/ Console:</label>
133	<input type="text" id="sname" name="sname">	168	<input type="text" id="sname" name="sname">
134	 	169	
135	 	170	
136	<label for="title">Title:</label>	171	<label for="title">Title:</label>
137	<input type="text" id="title" name="title">	172	<input type="text" id="title" name="title">
138	 	173	
139	 	174	
140 -	<label for="pages">Pages/Duration:</label>	175 +	<label for="pages">Pages/Duration/ Pegi:</label>
141	<input type="text" id="pages" name="pages">	176	<input type="text" id="pages" name="pages">
142	 	177	
143	 	178	
143			

➔ Changes in JSONProductWriter file

Showing 3 changed files with 11 additions and 0 deletions.

Filter changed files

- awe
 - JsonProductWriter.php
 - JsonUtility.php
- index.php

```
@@ -34,6 +34,10 @@ private function addEachProductAsJSON($product){
34     $json_product['playlength'] = $product->getPlayLength();
35     $json_product['type'] = "cd";
36 }

37 + if($product instanceof GameProduct) {
38 +     $json_product['pegi'] = $product->getPegi();
39 +     $json_product['type']="game";
40 + }

41     return json_encode($json_product);
42 }
43 }
```

```
@@ -24,6 +24,11 @@ public static function makeProductArray(string $file) {
24     $product['mainname'],$product['price'], $product['numpages']];
25     $products[]=$bookproduct;
26     break;

27 + case "game":
28 +     $gameproduct = new \awe\GameProduct($product['id'], $product['title'],
29 +     $product['firstname'],
30 +     $product['mainname'],$product['price'], $product['pegi']);
31 +     $products[]=$gameproduct;
32 +     break;

32 }
33 }
34 return $products;
```

```
@@ -72,6 +77,7 @@ public static function addNewProduct(string $file, string $producttype, string $
72
73     if($producttype=='cd') $newProduct['playlength'] = $pages;
74     if($producttype=='book') $newProduct['numpages'] = $pages;

75
76     $products[] = $newProduct;
77 }
```

```
@@ -37,6 +37,7 @@
37
```

➔ Changes in JSONUtility file

```
awe/JsonUtility.php

@@ -24,6 +24,11 @@ public static function makeProductArray(string $file) {
    $product['mainname'],$product['price'], $product['numpages']);
    $products[]=$bookproduct;
    break;

    case "game":
    $gameproduct = new \awe\GameProduct($product['id'], $product['title'],
    $product['firstname'],
    $product['mainname'],$product['price'], $product['pegi']);
    $products[]=$gameproduct;
    break;

    }
    return $products;

@@ -72,6 +77,7 @@ public static function addNewProduct(string $file, string $producttype, string $
    if($producttype=='cd') $newProduct['playlength'] = $pages;
    if($producttype=='book') $newProduct['numpages'] = $pages;

    $products[] = $newProduct;

    $json = json_encode($products);
    file_put_contents($file, $json);
    }

    if($producttype=='cd') $newProduct['playlength'] = $pages;
    if($producttype=='book') $newProduct['numpages'] = $pages;
    80 + if($producttype=='game') $newProduct['pegi'] = $pages;

    $products[] = $newProduct;

    $json = json_encode($products);
    file_put_contents($file, $json);
    }
    }
```

➔ Changes in productJson file after updating products

🔒 tbc-bsc-l6 / component-1-samratTBC Private

generated from oceanquest/aweComponent1

<> Code

🔍 Issues

🔗 Pull requests 1

⚙️ Actions

📁 Projects

🛡️ Security

📊 Insights

⚙️ Settings

Watch 1

Fork 0

Star 0

added dummy datas to the json file

🔗 main

🌟 samratTBC committed 2 minutes ago

1 parent 218dcd5 commit d7cf4b137f63c59df71cb809116c8cb9cc5f32

Showing 1 changed file with 1 addition and 1 deletion.

2 products.json

@@ -1 +1 @@

1 - [{"id":1,"type":"book","title":"PHP Objects, Patterns and Practice","firstname":"Matt","mainname":"Zandstra","price":44.99,"numpages":600},{id":2,"type":"cd","title":"Seeking Thrills","firstname":"","mainname":"Georgia","price":8.5,"playlength":45},{id":3,"type":"cd","title":"Shoe Dog","firstname":"Phil","mainname":"Knight","price":23,"playlength":400}]

1 + [{"id":1,"type":"book","title":"PHP Objects, Patterns and Practice","firstname":"Matt","mainname":"Zandstra","price":44.99,"numpages":600},{id":2,"type":"cd","title":"Seeking Thrills","firstname":"","mainname":"Georgia","price":8.5,"playlength":45},{id":3,"type":"cd","title":"Shoe Dog","firstname":"Phil","mainname":"Knight","price":23,"playlength":400},{id":4,"type":"game","title":"GTA V","firstname":"","mainname":"PC","price":12,"peg":18},{id":5,"type":"book","title":"Shoe Dog","firstname":"Phil","mainname":"Knight","price":4.99,"numpages":386},{id":6,"type":"book","title":"Fairy Tale","firstname":"Stephen ","mainname":"King","price":12,"numpages":500},{id":7,"type":"book","title":"Atomic Habbits","firstname":"James","mainname":"Clear","price":6.99,"numpages":500},{id":8,"type":"cd","title":"Ghar","firstname":"Bharat ","mainname":"Chauhan","price":12,"playlength":45},{id":9,"type":"cd","title":"Mimmi","firstname":"Ritviz","mainname":"","price":13,"playlength":24},{id":10,"type":"game","title":"Fall Guys","firstname":"","mainname":"PC","price":25,"peg":13},{id":11,"type":"game","title":"Minecraft","firstname":"","mainname":"PC","price":25.99,"peg":13},{id":12,"type":"game","title":"Fifa 09","firstname":"","mainname":"PS2","price":2.99,"peg":12}]

0 comments on commit d7cf4b1

🌟

Write

Preview

H B I ≡ <> 🔗 ≡ ≡ ≡ @ ↻ ↶

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

➔ Before any insertion of data(with existing data) frontend:

tbcs-16/component-1-samratTBC: AWE Product List

localhost/AWE/component-1-samratTBC/

BOOKS

AUTHOR	TITLE	PAGES	PRICE	DELETE
Matt Zandstra	PHP Objects, Patterns and Practice	608	44.99	X

CDs

ARTIST	TITLE	DURATION	PRICE	DELETE
Georgia	Seeking Thrills	45	8.5	X
Phil Knight	Shoe Dog	400	23	X

ADD NEW PRODUCT

Product Type: CD

Author / Artist:

First Name:

Main Name / Surname:

Title:

Pages/Duration:

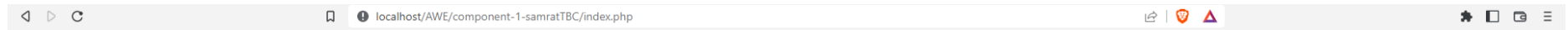
Price:

Submit

Windows Search

19:16 26-10-2022

➔ After insertion of dummy data:



BOOKS

AUTHOR	TITLE	PAGES	PRICE	DELETE
Matt Zandstra	PHP Objects, Patterns and Practice	608	44.99	X
Phil Knight	Shoe Dog	386	4.99	X
Stephen King	Fairy Tale	500	12	X
James Clear	Atomic Habbits	500	6.99	X

CDs

ARTIST	TITLE	DURATION	PRICE	DELETE
Georgia	Seeking Thrills	45	8.5	X
Phil Knight	Shoe Dog	400	23	X
Bharat Chauhan	Ghar	45	12	X
Ritviz	Mimmi	24	13	X

Games

CONSOLE	TITLE	PEGI	PRICE	DELETE
PC	GTA V	18	12	X
PC	Fall Guys	13	25	X
PC	Minecraft	13	25.99	X
PS2	Fifa 09	12	2.99	X

ADD NEW PRODUCT

Product Type:

Author / Artist:

First Name:

Main Name / Surname/ Console:

Title:

Pages/Duration/Pegi:

Price: