

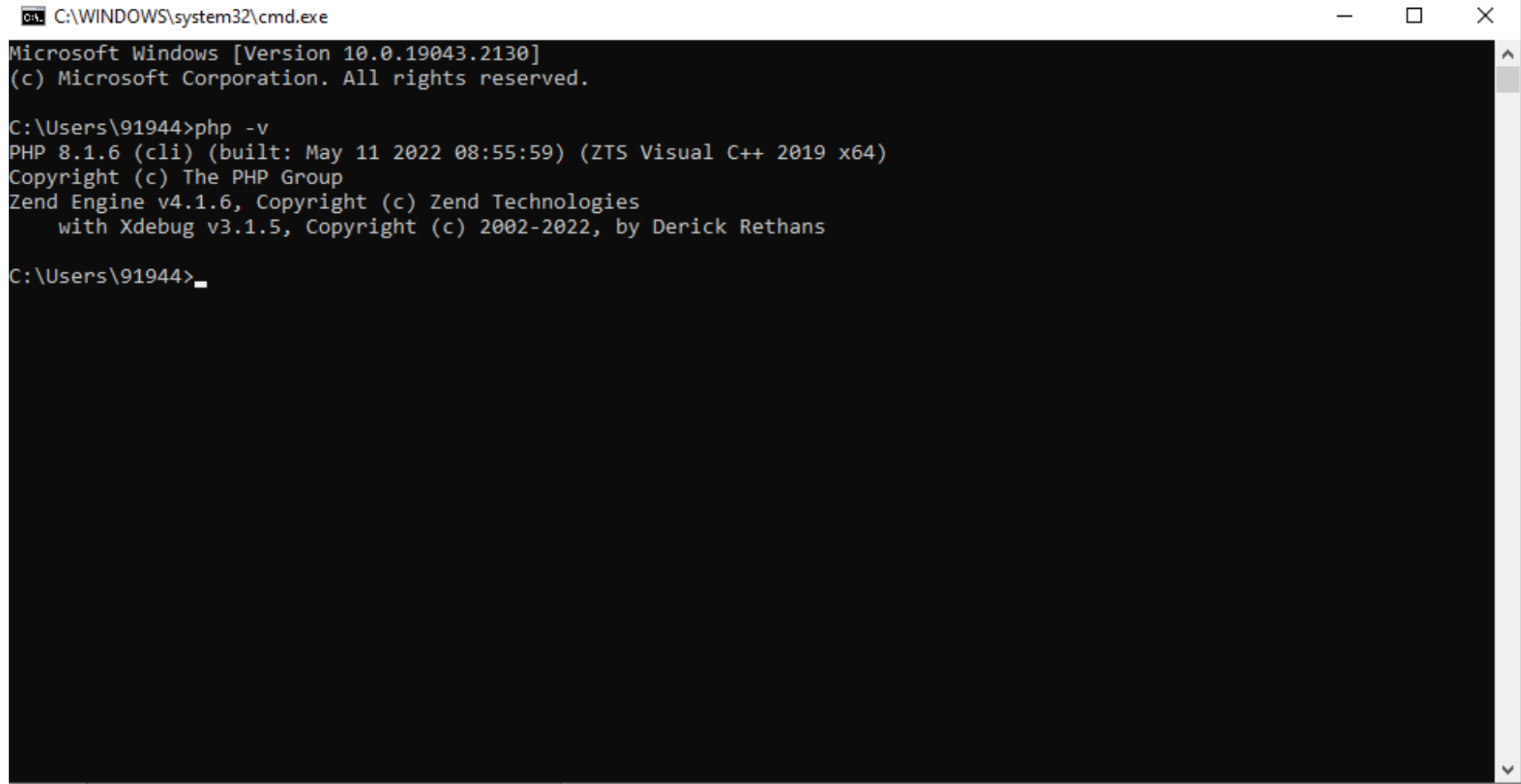
Component-1

Advanced Web Engineering

Samrat Jung Karki

C7261112

➔ PHP Version : 8.1.6



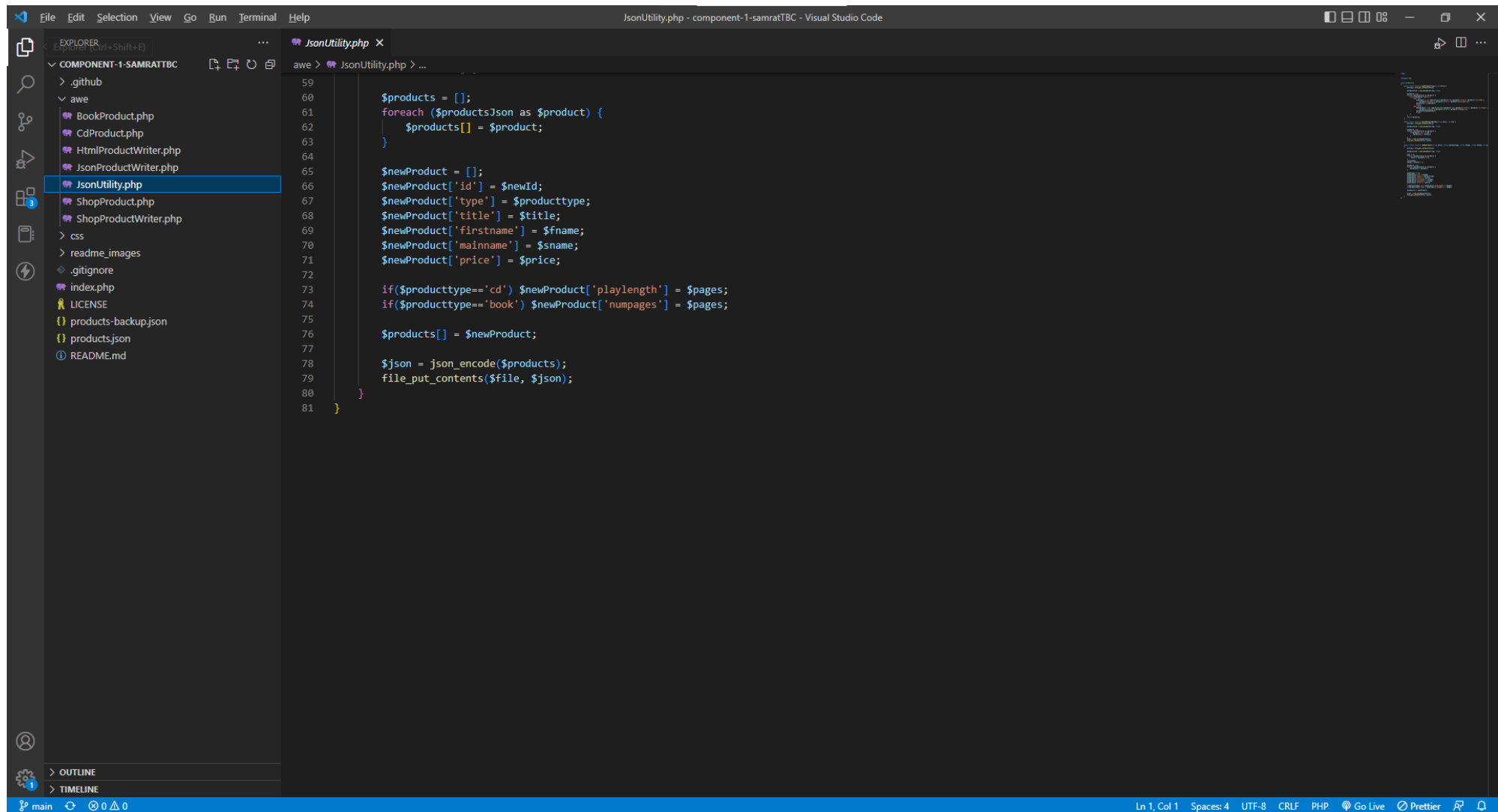
A screenshot of a Windows Command Prompt window. The title bar at the top reads "C:\WINDOWS\system32\cmd.exe" and includes standard window controls (minimize, maximize, close). The command prompt shows the output of the command "php -v". The output text is as follows:

```
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



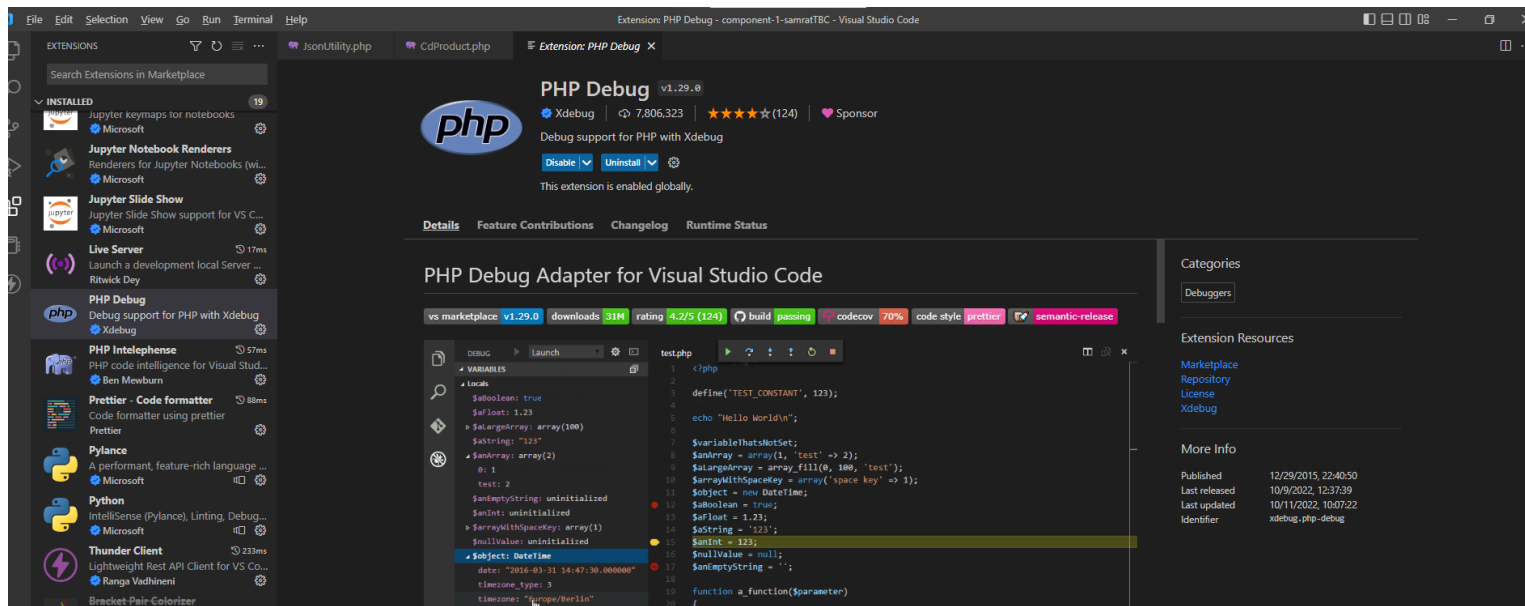
```
59
60
61 $products = [];
62 foreach ($productsJson as $product) {
63     $products[] = $product;
64 }
65
66 $newProduct = [];
67 $newProduct['id'] = $newId;
68 $newProduct['type'] = $producttype;
69 $newProduct['title'] = $title;
70 $newProduct['firstname'] = $fname;
71 $newProduct['mainname'] = $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
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    with Xdebug v3.1.5, Copyright (c) 2002-2022, by Derick Rethans

C:\Users\91944>
```



➔ Github repo created and cloned?: Yes

<https://github.com/tbc-bsc-l6/component-1-samratTBC>

➔ Changes made in the code/repo and commits:

Total Commits: 4

The screenshot displays the GitHub repository page for 'tbc-bsc-l6 / component-1-samratTBC'. The repository is marked as 'Private' and was generated from 'oceanquest/aweComponent1'. The top navigation bar includes links for Code, Issues, Pull requests (1), Actions, Projects, Security, Insights, and Settings. On the right, there are buttons for Watch (1), Fork (0), and Star (0). The main content area shows the commit history for the 'main' branch. The commits are grouped by date: Oct 28, 2022; Oct 26, 2022; and Oct 18, 2022. Each commit entry includes a description, the committer's name and time ago, a copy icon, the commit hash, a code icon, and a 'Tip' icon. The commit history shows a sequence of updates, including adding dummy data, creating new cases and functions, and setting up GitHub Classroom feedback.

Commit Date	Commit Description	Committer	Time Ago	Commit Hash
Oct 28, 2022	added dummy datas to the json file	samratTBC	9 minutes ago	d7cf4b1
Oct 26, 2022	Added a new case for game in JsonUtility, created an extra condition ...	samratTBC	2 days ago	218dcd5
Oct 26, 2022	Created a new Function in the HtmlProductWriter to view the existing ...	samratTBC	2 days ago	b77b325
Oct 26, 2022	Created new php class for gameProduct extending ShopProduct class	samratTBC	2 days ago	40e00c7
Oct 18, 2022	Initial Test commit	samratTBC	10 days ago	e2cb39f
Oct 18, 2022	Setting up GitHub Classroom Feedback	github-classroom[bot]	10 days ago	711df3a
Oct 18, 2022	GitHub Classroom Feedback	github-classroom[bot]	10 days ago	4a97622
Oct 18, 2022	Initial commit	github-classroom[bot]	10 days ago	644cede

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

Showing 1 changed file with 36 additions and 0 deletions.

Split Unified

```
36 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 $
72
73     if($producttype=='cd') $newProduct['playlength'] = $pages;
74     if($producttype=='book') $newProduct['numpages'] = $pages;

75
76     $products[] = $newProduct;
77
78     $json = json_encode($products);
79     file_put_contents($file, $json);
80 }
81 }

77
78     if($producttype=='cd') $newProduct['playlength'] = $pages;
79     if($producttype=='book') $newProduct['numpages'] = $pages;
80 +    if($producttype=='game') $newProduct['pegi'] = $pages;

81
82     $products[] = $newProduct;
83
84     $json = json_encode($products);
85     file_put_contents($file, $json);
86 }
87 }
```

➔ Changes in productJson file after updating products

tbcb-scl-16 / 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,"pegi":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,"pegi":13},{id":11,"type":"game","title":"Minecraft","firstname":"","mainname":"PC","price":25.99,"pegi":13},{id":12,"type":"game","title":"Fifa 09","firstname":"","mainname":"PS2","price":2.99,"pegi":12}]

0 comments on commit d7cf4b1

Write Preview

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:

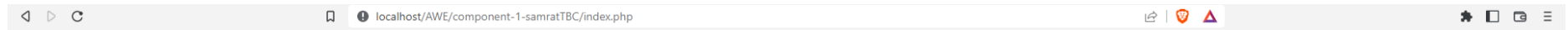
Pages/Duration:

Price:

Type here to 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: