

PHP with Grids/Cards/Images

Make sure you download the images folder.

Here is the link: We have some data on [games](#)

Remember for an img tag it looks like this:

```

```

We have to substitute the actual image name for each row, rather than hard-code it all the time. It looks like this:

```
<td><img src='images/' . $row["image_name"] . "'</td>
```

By adding it to the table, we'll get this:

```
echo"

    <table>
    <tr>
        <th>Title</th>
        <th>Teams</th>
        <th>Release Date</th>
        <th>Image</th>
    </tr>

";
if ($result->num_rows > 0) {
    // output data of each row
    while($row = $result->fetch_assoc()) {
        echo "

            <tr>
                <td> " . $row["title"] . " </td>
                <td> " . $row["team"] . "</td>
                <td> " . $row["release_date"] . "</td>
                <td><img src='images/' . $row["image_name"] . "'</td>
            </tr>

";
    }
}
```

```
    } else {  
        echo "0 results";  
    }  
}
```

It should look like this:

PHP Test

Connected successfully

Title	Teams	Release Date	Image
Elden Ring	[Bandai Namco Entertainment, 'FromSoftware']	Feb 25, 2022	
			

Things to do #1:

- 1. Use CSS to resize the images properly.
- 2. If you have styled the table properly before, see if you can combine it.

Using Cards/Grids.

Read about cards here:

https://www.w3schools.com/howto/howto_css_cards.asp

https://www.w3schools.com/w3css/w3css_cards.asp

In short if we want a card, the “hard-coded” version looks like this:

```
<div class="card">
  
  <div class="container">
    <h4><b>John Doe</b></h4>
    <p>Architect & Engineer</p>
  </div>
</div>
```

```
<div class="card">
  
  <div class="container">
    <h4><b>John Doe</b></h4>
    <p>Architect & Engineer</p>
  </div>
</div>
```

```
<div class="w3-card-4">
  
  <div class="w3-container w3-center">
    <p>The Italian / Austrian Alps</p>
  </div>
</div>
```

Mr Chuang is still writing this part. Can you figure this out first?

Some Answers:

Substituting some information, we can use this for the while loop:

```
while($row = $result->fetch_assoc()) {
```

```

        echo '

        <div class="card">
            
            <div class="container">
                <h4><b>' . $row["title"] . '</b></h4>
                <p> ' . $row["team"] . '</p>
            </div>
        </div>

        ';
    }
}

```

Using the appropriate CSS:

```

<style>
table, th, td {
    border:1px solid black;
}
img{
    width:50%;
    height:50%;
    object-fit:contain;
}

.card{
    width:20%;
    height:40%;
    box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2);
    transition: 0.3s;
    float:left;
}

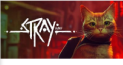
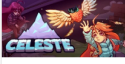
.card:hover {
    box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2);
}

.container {
    padding: 2px 16px;
}

```

```
}  
</style>
```

We can get it to look like this:

 Elden Ring 2 [Bandai Namco Entertainment, FromSoftware]	 Hades [Supergiant Games]	 The Legend of Zelda: Breath of the Wild [Nintendo, Nintendo EPD Production Group No. 3]	 UNDERTALE Undertale [tobyfox, 8-4]	 Hollow Knight [Team Cherry]
 Minecraft [Mojang Studios]	 OMORI Omori [OMOCAT, PLAYISM]	 Metroid Dread [Nintendo, MercurySteam]	 AMONG US Among Us [InnerSloth]	 NiER: Automata [PlatinumGames, Square Enix]
 Persona 5 Royal [Atlus USA, Atlus]	 STRAY Stray [BlueTwelve Studio, Annapurna Interactive]	 GOD OF WAR God of War [Sony Interactive Entertainment, SIE Santa Monica Studio]	 PORTAL 2 Portal 2 [Valve, Electronic Arts]	 Bloodborne [FromSoftware, Sony Computer Entertainment]
 Celeste [Extremely OK Games, Maddy Makes Games]	 Yakuza 0 [Ryū Ga Gotoku Studios, Sega]	 Red Dead Redemption 2 [Take-Two Interactive, Rockstar Games]		

Obviously we can further tweak the numbers to further design it.

Note: Mr Chuang later decided to center everything. Can you figure out how to do that?