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Week-6: Query Formation and Execution of MySQL Database (Fetching) And Database Connection.

Created:

data.php  
Connection-pdo.php

Code:

=>data.php

```
1.  <?php
2.
3.  try {
4.
5.      if (!file_exists('../backends/connection-pdo.php' ))
6.          throw new Exception();
7.      else
8.          require_once('../backends/connection-pdo.php' );
9.
10. } catch (Exception $e) {
11.
12.     $arr = array ('code'=>"0", 'msg'=>"There were some problem in the Server! Try after some time!")
13. );
14.     echo json_encode($arr);
15.
16.     exit();
17. }
18. if (!isset($_REQUEST['key'])) {
19.     $arr = array ('msg'=>"User Data API", 'dev'=>"The Chefs");
20.
21.     echo json_encode($arr);
22.
23.     exit();
24.
25. } else {
26.
27.     if (strcmp('db', $_REQUEST['key']) == 0) {
28.
29.         $sql = "SELECT * FROM users;";
30.         $query = $pdoconn->prepare($sql);
31.         $query->execute();
32.         $arr = $query->fetchAll(PDO::FETCH_ASSOC);
33.
34.         echo json_encode($arr);
35.     } else {
36.         $arr = array ('code'=>"0", 'msg'=>"Invalid API Key!");
37.         echo json_encode($arr);
38.     }
39.     exit();
40. }
```

=>connection-pdo.php

```

1.  <?php
2.
3.  include_once "config.php";
4.
5.  try {
6.      $pdoconn = new PDO("mysql:host=$host; dbname=$database", $user, $pwd, array( PDO::ATTR_PERSIST
ENT => true ));
7.      $pdoconn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
8.  }
9.  catch(PDOException $e)
10. {
11.     throw new Exception();
12.
13. }
14.
15.
16. ?>

```

## Output:

The screenshot shows the phpMyAdmin interface in a web browser. The left sidebar displays a tree view of databases and schemas, including 'information\_schema', 'mishtdb', 'mysql', 'performance\_schema', 'phpmyadmin', and 'test'. The 'mishtdb' database is selected, and the 'Structure' tab is active. A table list is displayed with columns: Table, Action, Rows, Type, Collation, Size, and Overhead. The tables listed are 'admin', 'categories', 'food', 'orders', and 'users'. Below the table list, there is a 'Create table' section with a 'Name' field and a 'Number of columns' field set to 4. The 'Go' button is visible at the bottom right of the 'Create table' section.

Table	Action	Rows	Type	Collation	Size	Overhead
admin	Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16.0 K	-
categories	Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 K	-
food	Browse Structure Search Insert Empty Drop	6	InnoDB	latin1_swedish_ci	16.0 K	-
orders	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16.0 K	-
users	Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16.0 K	-
5 tables	Sum	17	InnoDB	utf8mb4_general_ci	80.0 K	0.8

