

```

1  <?php
2  $host = 'localhost';
3  $user = 'root';
4  $password = '';
5  $db_name = 'INDEX1';
6
7  $link = mysqli_connect($host, $user, $password, $db_name);
8
9  $query1 = "SELECT
10      p.product_name,
11      c.category_name,
12      w.warehouse_name,
13      b.brand_name
14  FROM products p
15  JOIN categories c ON p.category_id = c.category_id
16  JOIN warehouses w ON p.warehouse_id = w.warehouse_id
17  JOIN brands b ON p.brand_id = b.brand_id;
18  ";
19
20  $query2 = "SELECT * FROM warehouses";
21  $arr = [$query1, $query2];
22
23  foreach($arr as $query){
24      $result = mysqli_query($link, $query) or die(mysqli_error($link));
25      for ($data = []; $row = mysqli_fetch_assoc($result); $data[] = $row);
26      print_r($data);
27      echo '<br/>';
28      echo '<br/>';
29      echo '<br/>';
30  }
31  ?>

```

	brand_id	brand_name
<input type="checkbox"/>	1	Abibas
<input type="checkbox"/>	2	Neki

	category_id	category_name
<input type="checkbox"/>	1	Sport
<input type="checkbox"/>	2	Fitness

	product_id	product_name	category_id	warehouse_id	brand_id
<input type="checkbox"/>	1	Кроссовки	1	1	1
<input type="checkbox"/>	2	Кеды	2	1	2

	warehouse_id	warehouse_name
<input type="checkbox"/>	1	Мурино
<input type="checkbox"/>	2	Таганский ряд

```

5  localhost / 127.0.0.1 / index.php
localhost/test/index.php

Array ( [0] => Array ( [product_name] => Кроссовки
[category_name] => Sport [warehouse_name] => Мурино
[brand_name] => Abibas ) [1] => Array ( [product_name] =>
Кеды [category_name] => Fitness [warehouse_name] =>
Мурино [brand_name] => Neki ) )

Array ( [0] => Array ( [warehouse_id] => 1
[warehouse_name] => Мурино ) [1] => Array (
[warehouse_id] => 2 [warehouse_name] => Таганский ряд )
)

```

```

index2.php
1  {?php
2  $host = 'localhost';
3  $user = 'root';
4  $password = '';
5  $db_name = 'INDEX2';
6
7  $link = mysqli_connect($host, $user, $password, $db_name);
8
9  $query1 = "SELECT p1.name AS person, p2.name AS father, p3.name AS son
10             FROM people p1
11             LEFT JOIN people p2 ON p1.father_id = p2.person_id
12             LEFT JOIN people p3 ON p1.person_id = p3.father_id;
13             ";
14
15  $query2 = "SELECT p3.name AS grandson, p2.name AS son, p1.name AS grandfather
16             FROM people p1
17             JOIN people p2 ON p1.person_id = p2.father_id
18             JOIN people p3 ON p2.person_id = p3.father_id
19             WHERE p3.name = 'Внук';
20             ";
21
22  $query3 = "SELECT p4.name AS great_grandson, p3.name AS grandson, p2.name AS son, p1.name AS great_grandfather
23             FROM people p1
24             JOIN people p2 ON p1.person_id = p2.father_id
25             JOIN people p3 ON p2.person_id = p3.father_id
26             JOIN people p4 ON p3.person_id = p4.father_id
27             WHERE p4.name = 'Внук';
28             ";
29  $arr = [$query1, $query2, $query3];
30
31  foreach($arr as $query){
32      $result = mysqli_query($link, $query) or die(mysqli_error($link));
33      for ($data = []; $row = mysqli_fetch_assoc($result); $data[] = $row);
34      print_r($data);
35      echo '<br/>';
36      echo '<br/>';
37      echo '<br/>';
38  }
39  ?>

```

	person_id	name	father_id
<input type="checkbox"/> Изменить Копировать Удалить	1	Прадедушка	NULL
<input type="checkbox"/> Изменить Копировать Удалить	2	Дедушка	1
<input type="checkbox"/> Изменить Копировать Удалить	3	Отец	2
<input type="checkbox"/> Изменить Копировать Удалить	4	Сын	3
<input type="checkbox"/> Изменить Копировать Удалить	5	Внук	4

5
localhost / 127.0.0.1 / inde
localhost/test/index1.php
localhost/test/index2.php

localhost

```

Array ( [0] => Array ( [person] => Прадедушка [father] => [son] =>
Дедушка ) [1] => Array ( [person] => Дедушка [father] =>
Прадедушка [son] => Отец ) [2] => Array ( [person] => Отец
[father] => Дедушка [son] => Сын ) [3] => Array ( [person] =>
Сын [father] => Отец [son] => Внук ) [4] => Array ( [person] =>
Внук [father] => Сын [son] => ) )

Array ( [0] => Array ( [grandson] => Внук [son] => Сын
[grandfather] => Отец ) )

Array ( [0] => Array ( [great_grandson] => Внук [grandson] =>
Сын [son] => Отец [great_grandfather] => Дедушка ) )

```

DevTools is now available in Russ

Elements
Console

Filter
☐ 3rd-party requests

10 ms	20 ms
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Name
index2.php
favicon.ico

```

index3.php
1  <?php
2  $host = 'localhost';
3  $user = 'root';
4  $password = '';
5  $db_name = 'INDEX3';
6
7  $link = mysqli_connect($host, $user, $password, $db_name);
8
9  $query1 = "SELECT u.username, i.interest_name
10             FROM users u
11             JOIN user_interests ui ON u.user_id = ui.user_id
12             JOIN interests i ON ui.interest_id = i.interest_id
13             WHERE u.username = 'Олег';";
14
15  $query2 = "SELECT u.username, i.interest_name
16             FROM users u
17             JOIN user_interests ui ON u.user_id = ui.user_id
18             JOIN interests i ON ui.interest_id = i.interest_id
19             WHERE i.interest_name = 'Рыбалка';";
20
21  $arr = [$query1, $query2];
22
23  foreach($arr as $query){
24      $result = mysqli_query($link, $query) or die(mysqli_error($link));
25      for ($data = []; $row = mysqli_fetch_assoc($result); $data[] = $row);
26      print_r($data);
27      echo '<br/>';
28      echo '<br/>';
29      echo '<br/>';
30  }
31  ?>

```

	interest_id	interest_name
<input type="checkbox"/> Изменить Копировать Удалить	1	Покер
<input type="checkbox"/> Изменить Копировать Удалить	2	Рыбалка
<input type="checkbox"/> Изменить Копировать Удалить	3	Спа
<input type="checkbox"/> Изменить Копировать Удалить	4	Спать

	user_id	username
<input type="checkbox"/> Изменить Копировать Удалить	1	Олег
<input type="checkbox"/> Изменить Копировать Удалить	2	Алена
<input type="checkbox"/> Изменить Копировать Удалить	3	Артём
<input type="checkbox"/> Изменить Копировать Удалить	4	Лиза

5
localhost / 127.0.0.1 / inde
localhost/test/index1.php
localhost/test/index2.php
localhost/test/index3.php
localhost
localhost/test/index3.php

Array ([0] => Array ([username] => Олег [interest_name] => Покер))

Array ([0] => Array ([username] => Алена [interest_name] => Рыбалка) [1] => Array ([username] => Лиза [interest_name] => Рыбалка))

DevTools is now available

Elements

Filter

☐ Blocked response cooki

10 ms 20 ms

Name

- index3.php
- favicon.ico

user_id	interest_id
1	1
2	2
3	1
4	2
3	1