

# Capturas Vídeo – PHP y MySQL

1.

```
1  <?php
2  //connect to MySQL
3  $db = mysqli_connect(gethostname(), 'root', 'root') or
4      die('Unable to connect. Check your connection parameters.');
```

5	
6	//create the main database if it doesn't already exist
7	\$query = 'CREATE DATABASE IF NOT EXISTS moviesite';
8	mysqli_query(\$db,\$query) or die(mysqli_error(\$db));
9	
10	//make sure our recently created database is the active one
11	mysqli_select_db(\$db,'moviesite') or die(mysqli_error(\$db));
12	
13	//create the movie table
14	\$query = 'CREATE TABLE movie (
15	movie_id      INTEGER UNSIGNED NOT NULL AUTO_INCREMENT,
16	movie_name    VARCHAR(255)     NOT NULL,
17	movie_type    TINYINT          NOT NULL DEFAULT 0,
18	movie_year    SMALLINT UNSIGNED NOT NULL DEFAULT 0,
19	movie_leadactor INTEGER UNSIGNED NOT NULL DEFAULT 0,
20	movie_director INTEGER UNSIGNED NOT NULL DEFAULT 0,
21	
22	PRIMARY KEY (movie_id),
23	KEY movie_type (movie_type, movie_year)
24	)
25	ENGINE=MyISAM';
26	mysqli_query(\$db,\$query) or die (mysqli_error(\$db));
27	
28	//create the movietype table
29	\$query = 'CREATE TABLE movietype (
30	movietype_id  TINYINT UNSIGNED NOT NULL AUTO_INCREMENT,
31	movietype_label VARCHAR(100)   NOT NULL,
32	PRIMARY KEY (movietype_id)
33	)
34	ENGINE=MyISAM';

Movie database successfully created!

2.

```
1 <?php
2 // connect to mysql
3 $db = mysqli_connect(gethostname(), 'root', 'root') or
4     die ('Unable to connect. Check your connection parameters.');
```

```
5
6 //make sure you're using the correct database
7 mysqli_select_db($db,'moviesite') or die(mysqli_error($db));
8
9 // insert data into the movie table
10 $query = 'INSERT INTO movie
11     (movie_id, movie_name, movie_type, movie_year, movie_leadactor,
12     movie_director)
13     VALUES
14     (1, "Valerian and the City of a Thousand Planets", 1, 2017, 1, 2),
15     (2, "Blade Runner 2049", 1, 2017, 5, 6),
16     (3, "Godzilla: King of Monsters", 1, 2019, 4, 3)';
17 mysqli_query($db,$query) or die(mysqli_error($db));
18
19 // insert data into the movietype table
20 $query = 'INSERT INTO movietype
21     (movietype_id, movietype_label)
```

Data inserted successfully!

```
Start Apache Web Server  >_ mysql terminal 1 x

+-----+
| movie |
| movietype |
| people |
+-----+
3 rows in set (0.00 sec)

mysql> select * from movie
-> ;

+-----+-----+-----+-----+-----+-----+
| movie_id | movie_name | movie_type | movie_year | movie_leadactor | movie_director |
+-----+-----+-----+-----+-----+-----+
| 1 | Valerian and the City of a Thousand Planets | 1 | 2017 | 1 | 2 |
| 2 | Blade Runner 2049 | 1 | 2017 | 5 | 6 |
| 3 | Godzilla: King of Monsters | 1 | 2019 | 4 | 3 |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

3.

```
1 <?php
2 $db = mysqli_connect(gethostname(), 'root', 'root') or
3     die('Unable to connect. Check your connection parameters.');
```

```
4 mysqli_select_db($db,'moviesite') or die(mysqli_error($db));
5
6 // select the movie titles and their genre after 1990
7 $query = 'SELECT
8     movie_name, movie_type
9 FROM
10     movie
11 WHERE
12     movie_year > 1990
13 ORDER BY
14     movie_type';
15 $result = mysqli_query($db,$query) or die(mysqli_error($db));
16
17 // show the results
18 while ($row = mysqli_fetch_assoc($result)) {
19     extract($row);
20     echo $movie_name . '-' . $movie_type . ' <br/>';
21 }
22 ?>
23
```

Valerian and the City of a Thousand Planets-1  
Blade Runner 2049-1  
Godzilla: King of Monsters-1

4.

```
1 <?php
2 $db = mysqli_connect(gethostname(), 'root', 'root') or
3     die ('Unable to connect. Check your connection parameters.');
```

```
4 mysqli_select_db($db,'moviesite') or die(mysqli_error($db));
5
6 // select the movie titles and their genre after 1990
7 $query = 'SELECT
8     movie_name, movie_type
9 FROM
10     movie
11 WHERE
12     movie_year > 1990
13 ORDER BY
14     movie_type';
15 $result = mysqli_query($db,$query) or die(mysqli_error($db));
16
17 // show the results
18 while ($row = mysqli_fetch_assoc($result)) {
19     foreach ($row as $value) {
20         echo $value . ' ';
21     }
22     echo '<br/>';
23 }
24 ?>
25 |
```

Valerian and the City of a Thousand Planets 1  
Blade Runner 2049 1  
Godzilla: King of Monsters 1




5.

Valerian and the City of a Thousand Planets	Sci Fi
Blade Runner 2049	Sci Fi
Godzilla: King of Monsters	Sci Fi

6.

```


1  <?
2  $db = mysqli_connect(gethostname(), 'root', 'root') or die ('Unable to connect. Check your connection parameters.');
```

1		Valerian and the City of a Thousand Planets.	2017.
2		Blade Runner 2049.	2017.
3		Godzilla: King of Monsters.	2019.

Total registros: 0      Pagina: 1      Pagina:

Codenny | Cloud Workspaces for: X | Eclipse Che hosted by Red Hat | X | https://routepmf6dya-laragom... X | GitHub - JeegeG/UF1-NF3-PAC0... X | +


← → ↻ routepmf6dya-laragomezjoel-che.b542.starter-us-east-2a.openshiftapps.com/UF1-NF3-PAC02-PHP-I-MySQL/N3P205pages.php?searchs=al ☆ 1

1  Valerian and the City of a Thousand Planets. 2017.

Total registros: 0      Pagina: 1      Pagina:

Codenny | Cloud Workspaces for: X | Eclipse Che hosted by Red Hat | X | https://routepmf6dya-laragom... X | GitHub - JeegeG/UF1-NF3-PAC0... X | +


← → ↻ routepmf6dya-laragomezjoel-che.b542.starter-us-east-2a.openshiftapps.com/UF1-NF3-PAC02-PHP-I-MySQL/N3P205pages.php ☆ 1

1  Valerian and the City of a Thousand Planets. 2017.

Total registros: 3      Pagina: 1      Pagina: 1 2 3

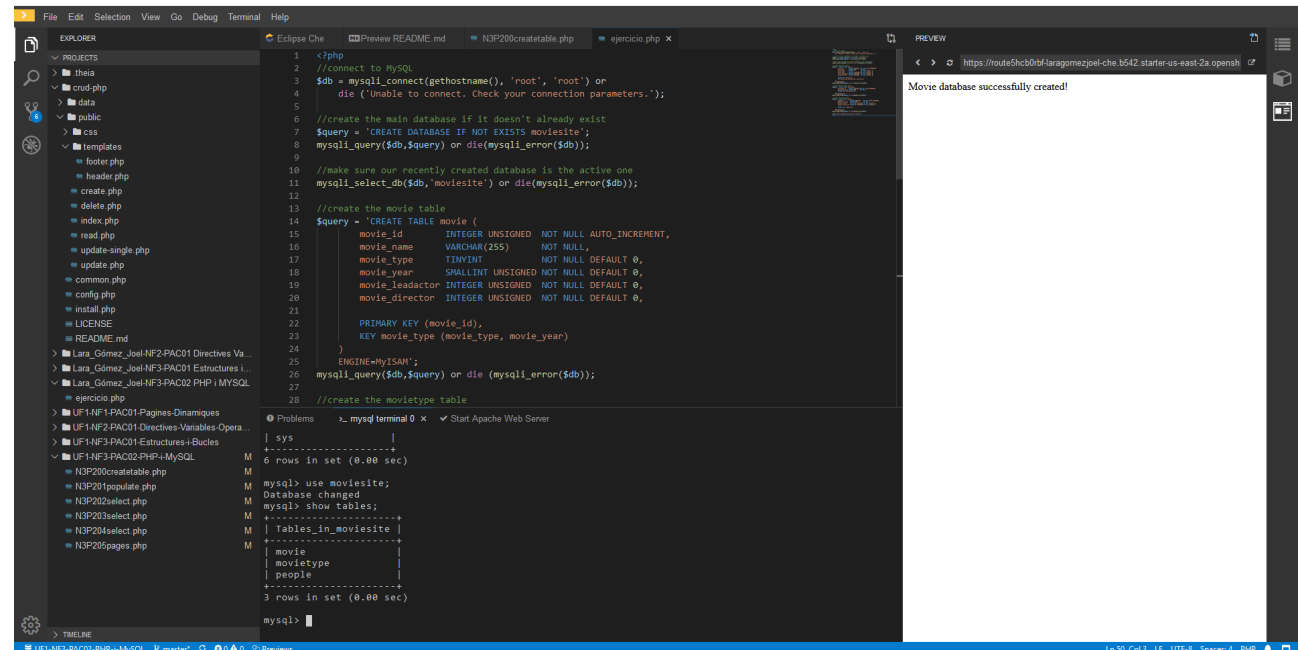
Codenny | Cloud Workspaces for: X | Eclipse Che hosted by Red Hat | X | https://routepmf6dya-laragom... X | GitHub - JeegeG/UF1-NF3-PAC0... X | +

← → ↻ routepmf6dya-laragomezjoel-che.b542.starter-us-east-2a.openshiftapps.com/UF1-NF3-PAC02-PHP-I-MySQL/N3P205pages.php?pagina=2&searchs= ☆ 1

2  Blade Runner 2049. 2017.

Total registros: 3      Pagina: 2      Pagina: 1 2 3

1.

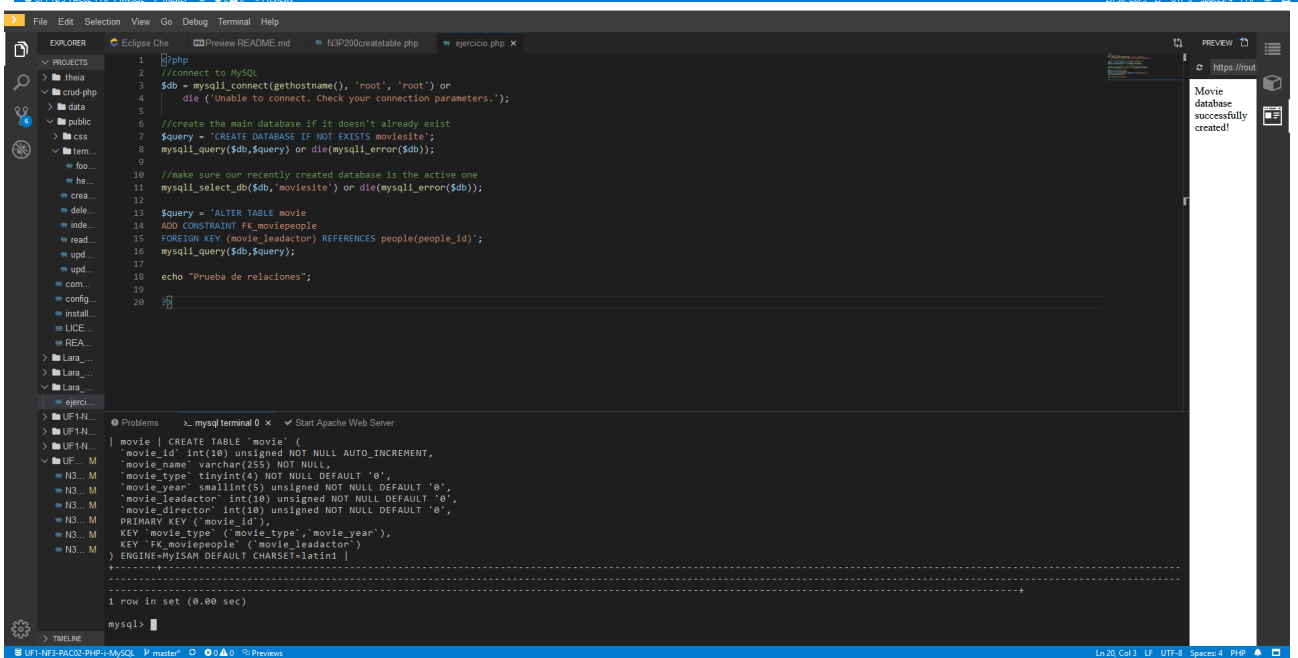


```
1 <?php
2 //connect to MySQL
3 $db = mysqli_connect(gethostname(), 'root', 'root') or
4 die ('Unable to connect. Check your connection parameters.');
```

```
6 //create the main database if it doesn't already exist
7 $query = 'CREATE DATABASE IF NOT EXISTS moviesite';
8 mysqli_query($db,$query) or die(mysqli_error($db));
9
10 //make sure our recently created database is the active one
11 mysqli_select_db($db,'moviesite') or die(mysqli_error($db));
12
13 //create the movie table
14 $query = 'CREATE TABLE movie (
15     movie_id      INTEGER UNSIGNED NOT NULL AUTO_INCREMENT,
16     movie_name    VARCHAR(255)    NOT NULL,
17     movie_type    TINYINT         NOT NULL DEFAULT 0,
18     movie_year    SMALLINT UNSIGNED NOT NULL DEFAULT 0,
19     movie_leadactor INTEGER UNSIGNED NOT NULL DEFAULT 0,
20     movie_director INTEGER UNSIGNED NOT NULL DEFAULT 0,
21
22     PRIMARY KEY (movie_id),
23     KEY movie_type (movie_type, movie_year)
24 )
25 ENGINE=MyISAM';
26 mysqli_query($db,$query) or die (mysqli_error($db));
27
28 //create the movietype table
```

```
mysql> use moviesite;
Database changed
mysql> show tables;
+-----+
| Tables_in_moviesite |
+-----+
| movie                |
| movietype             |
| people                |
+-----+
3 rows in set (0.00 sec)

mysql>
```



```
13 $query = 'ALTER TABLE movie
14 ADD CONSTRAINT FK_moviepeople
15 FOREIGN KEY (movie_leadactor) REFERENCES people(people_id);
16 mysqli_query($db,$query);
17
18 echo "Prueba de relaciones";
19
20
```

```
mysql> use moviesite;
Database changed
mysql> show tables;
+-----+
| Tables_in_moviesite |
+-----+
| movie                |
| movietype             |
| people                |
+-----+
3 rows in set (0.00 sec)

mysql>
```

2.

```

1 <?php
2 // connect to mysql
3 $db = mysqli_connect(gethostname(), 'root', 'root') or
4 die ('Unable to connect. Check your connection parameters.');
```

```

5 //make sure you're using the correct database
6 mysqli_select_db($db, 'moviesite') or die(mysqli_error($db));
7
8 // insert data into the movie table
9 $query = "INSERT INTO movie
10 (movie_id, movie_name, movie_type, movie_year, movie_leadactor,
11 movie_director)
12 VALUES
13 (4, 'Los Juegos del hambre', 7, 2012, 7, 5 ),
14 (5, 'Passengers', 2, 2016, 8, 2),
15 (6, 'Star Wars: Episodio IV - Una nueva esperanza', 1, 1977, 8, 4)';
16
17 mysqli_query($db, $query) or die(mysqli_error($db));
18
19 // insert data into the movietype table
20 $query = "INSERT INTO movietype
21 (movietype_id, movietype_label)
22 VALUES
23 (1, 'Sci Fi'),
24 (2, 'Drama'),
25 (3, 'Adventure'),
26 (4, 'War'),
27 (5, 'Comedy'),
28 (6, 'Horror'),
29 (7, 'Action'),
30 (8, 'Kids');
31
32 mysqli_query($db, $query) or die(mysqli_error($db));
33
34 // insert data into the people table
35 $query = "INSERT INTO people
36 (people_id, people_fullname, people_isactor, people_isdirector)
37 VALUES
38 (7, 'Jennifer Lawrence', 1, 0),
39 (8, 'Chris Pratt', 0, 1),
40 (9, 'Harrison Ford', 1, 0)';
41
42 mysqli_query($db, $query) or die(mysqli_error($db));
43
44 +-----+
45 6 rows in set (0.00 sec)
46
47 mysql>

```

Preview: Duplicate entry '4' for key 'PRIMARY'

```

10 // insert data into the movie table
11 $query = "INSERT INTO movie
12 (movie_id, movie_name, movie_type, movie_year, movie_leadactor,
13 movie_director)
14 VALUES
15 (4, 'Los Juegos del hambre', 7, 2012, 7, 5 ),
16 (5, 'Passengers', 2, 2016, 8, 2),
17 (6, 'Star Wars: Episodio IV - Una nueva esperanza', 1, 1977, 8, 4)';
18
19 mysqli_query($db, $query) or die(mysqli_error($db));
20
21 // insert data into the movietype table
22 $query = "INSERT INTO movietype
23 (movietype_id, movietype_label)
24 VALUES
25 (1, 'Sci Fi'),
26 (2, 'Drama'),
27 (3, 'Adventure'),
28 (4, 'War'),
29 (5, 'Comedy'),
30 (6, 'Horror'),
31 (7, 'Action'),
32 (8, 'Kids');
33
34 mysqli_query($db, $query) or die(mysqli_error($db));
35
36 // insert data into the people table
37 $query = "INSERT INTO people
38 (people_id, people_fullname, people_isactor, people_isdirector)
39 VALUES
40 (7, 'Jennifer Lawrence', 1, 0),
41 (8, 'Chris Pratt', 0, 1),
42 (9, 'Harrison Ford', 1, 0)';
43
44 mysqli_query($db, $query) or die(mysqli_error($db));
45
46 +-----+
47 6 rows in set (0.00 sec)
48
49 mysql> use moviesite;
50 Database changed
51 mysql> select * from people;
52 +-----+
53 | people_id | people_fullname | people_isactor | people_isdirector |
54 +-----+
55 | 1 | Dane DeHaan | 1 | 0 |
56 | 2 | Luc Besson | 0 | 1 |
57 | 3 | Michael Dougherty | 0 | 1 |
58 | 4 | Willie Bobby Brown | 1 | 0 |
59 | 5 | Ryan Gosling | 1 | 0 |
60 | 6 | Denis Villeneuve | 0 | 1 |
61 +-----+
62 6 rows in set (0.00 sec)
63
64 mysql> select * from movie;
65 +-----+
66 | movie_id | movie_name | movie_type | movie_year | movie_leadactor | movie_director |
67 +-----+
68 | 1 | Valerian and the City of a Thousand Planets | 1 | 2017 | 1 | 2 |
69 | 2 | Blade Runner 2049 | 1 | 2017 | 5 | 6 |
70 | 3 | Godzilla: King of Monsters | 1 | 2019 | 4 | 3 |
71 | 4 | Los Juegos del hambre | 7 | 2012 | 7 | 5 |
72 | 5 | Passengers | 2 | 2016 | 8 | 2 |
73 | 6 | Star Wars: Episodio IV - Una nueva esperanza | 1 | 1977 | 8 | 4 |
74 +-----+
75 6 rows in set (0.00 sec)
76
77 mysql>

```

Preview: Duplicate entry '4' for key 'PRIMARY'



```
1 #!/usr/bin/php
2
3 // connect to mysql
4 $db = mysqli_connect(gethostname(), 'root', 'root') or
5     die ('Unable to connect. Check your connection parameters.');
```

```
7 //make sure you're using the correct database
8 mysqli_select_db($db,'moviesite') or die(mysqli_error($db));
9
10 $query = 'SELECT
11     m.movie_name, mt.movietype_label, p1.people_fullname as actor, p2.people_fullname as director
12 FROM
13     movie m, movietype mt, people p1, people p2
14 WHERE
15     m.movie_leadactor=p1.people_id AND m.movie_director=p2.people_id AND m.movie_type=mt.movietype_id
16 ORDER BY
17     movie_type';
18 $result = mysqli_query($db,$query) or die(mysqli_error($db));
19
20 echo 'table border="1">';
21 while ($row = mysqli_fetch_assoc($result)) {
22     echo '<tr>';
23     foreach ($row as $value) {
24         echo '<td>' . $value . '</td>';
25     }
26     echo '</tr>';
27 }
28 echo '</table>';
29
30
```

11 \$sSQL = "SELECT \* FROM movie WHERE movie\_name LIKE '%\$buskr%' LIMIT ".\$(\$pagina-1)\*\$noRegistros";

12 \$result = mysql\_query(\$db,\$sSQL) or die(mysql\_error(\$db));

13

14 //Exploracion de registros

15 echo "<table>";

16 while(\$row = mysql\_fetch\_array(\$result)) {

17 echo "<tr><td height=80 align=center>";

18 echo \$row["movie\_id"]."<br>";

19 echo "</td>";

20 <td align=center></td>

21 <td>\$row[movie\_name].</td>

22 <td align=center>\$row[movie\_year].</td>

23 </tr>;

24 }

25

26 //Imprimiendo paginacion

27 \$sSQL = "SELECT count(\*) FROM movie WHERE movie\_name LIKE '%\$buskr%'"; //Cuento el total de registros

28 \$result = mysql\_query(\$db,\$sSQL);

29 \$row = mysql\_fetch\_array(\$result);

30 \$totalRegistros = \$row["count(\*)"]; //Almaceno el total en una variable

31

32 \$noPaginas = \$totalRegistros/\$noRegistros; //Determino la cantidad de paginas

33

34 >>

35 <tr>

36 <td colspan="2" align="center"><? echo "<strong>Total registros: </strong>".\$totalRegistros; >></td>

37 <td colspan="2" align="center"><? echo "<strong>Pagina: </strong>".\$pagina; >></td>

38 </tr>

39 <tr bgcolor="#f3f4f1">

40 <td colspan="4" align="right"><strong>Pagina:

41 <?>

42 for(\$i=1; \$i<\$noPaginas+1; \$i++) { //Imprimo las paginas

43 if(\$i == \$pagina)

44 echo "<font color=red>\$i </font>"; //A la pagina actual no le pongo link

45 else

46 echo "<a href='\"?pagina=".\$i."&search=".\$buskr.""' style=col:;\">".\$i."</a>";

47 }

48 >>

49 </strong></td>

50

Problems

Start Apache Web Server

mysql terminal 1 x

2 | Drama

3 | Adventure

4 | War

5 | Comedy


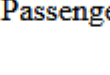
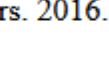
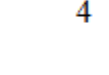

6

Star Wars: Episodio IV - Una nueva esperanza. 1977.

Total registros: 6

Pagina: 6

Pagina: 123456

5		Passengers. 2016.	4		Los juegos del hambre. 2012.
Total registros: 6		Pagina: 5	Total registros: 6		Pagina: 4
		Pagina: <u>1 2 3 4 5 6</u>			Pagina: <u>1 2 3 4 5 6</u>
3		Godzilla: King of Monsters. 2019.	2		Blade Runner 2049. 2017.
Total registros: 6		Pagina: 3	Total registros: 6		Pagina: 2
		Pagina: <u>1 2 3 4 5 6</u>			Pagina: <u>1 2 3 4 5 6</u>
1		Valerian and the City of a Thousand Planets. 2017.			
Total registros: 6		Pagina: 1			
		Pagina: <u>1 2 3 4 5 6</u>			

5.

[https://github.com/daw2-lara21/Lara\\_G-mez\\_Joel-NF3-PAC02-PHP-i-MySQL/](https://github.com/daw2-lara21/Lara_G-mez_Joel-NF3-PAC02-PHP-i-MySQL/)

6.

```
1  <?php
2      echo "He recordado como usar MYSQL";
3      echo "He recordado utilizar las funciones de MYSQL";
4      echo "He aprendido crear tablas en PHP";
5      echo "He aprendido relacionar tablas en PHP";
6      echo "He aprendido a añadir contenido en las tablas de PHP";
7      echo "He aprendido a utilizar lo equivalente al select * from en PHP";
8      echo "He aprendido a crear la DB en PHP";
9      echo "He aprendido la función $query";
10     echo "He aprendido $db para hacer que funcione";
11     echo "He aprendido los tr en PHP";
12     echo "La calificación del documento esta vez le doy un 7, la práctica ha sido más o menos sencilla excluyendo la 3";
13     echo "La explicación del profesor daré un 9 a la explicación ya que sí no fuese por ella";
14     echo "Como alumno, estoy algo estresado entre tantas prácticas, pero voy haciendo";
15     echo "Ninguna por ahora";
16 ?>
17
18 |
```