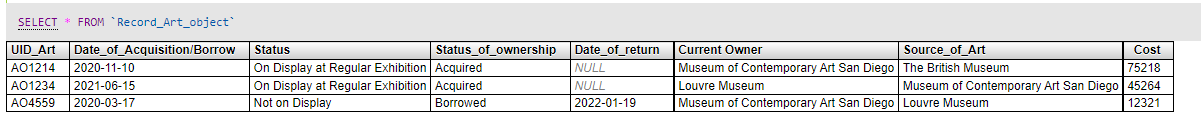
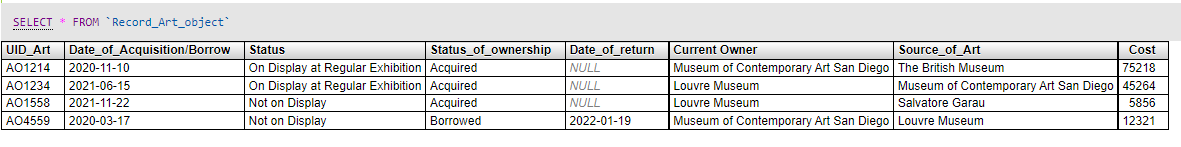
1. **Add a new art object to the museum’s permanent collection.**

**Before**:

****

**Query:**

INSERT INTO `Record\_Art\_object` (`UID\_Art`, `Date\_of\_Acquisition/Borrow`, `Status`, `Status\_of\_ownership`, `Date\_of\_return`, `Current Owner`, `Source\_of\_Art`, `Cost`) VALUES ('AO1558', '2021-11-22', 'Not on Display', 'Acquired', NULL, 'Louvre Museum', 'Salvatore Garau', '5856');

**After:**

1. **Change the end date of a fetured exhibition.**

**Query:**

[UPDATE](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/update.html) `Exhibition` [SET](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/set.html) `End\_Date` = '2022-03-11' WHERE `Exhibition`.`Type\_of\_Exhibition` = 'COLLECTIVE' [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) `Exhibition`.`Start\_Date` = '2021-12-07' [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) `Exhibition`.`End\_Date` = '2022-03-09';

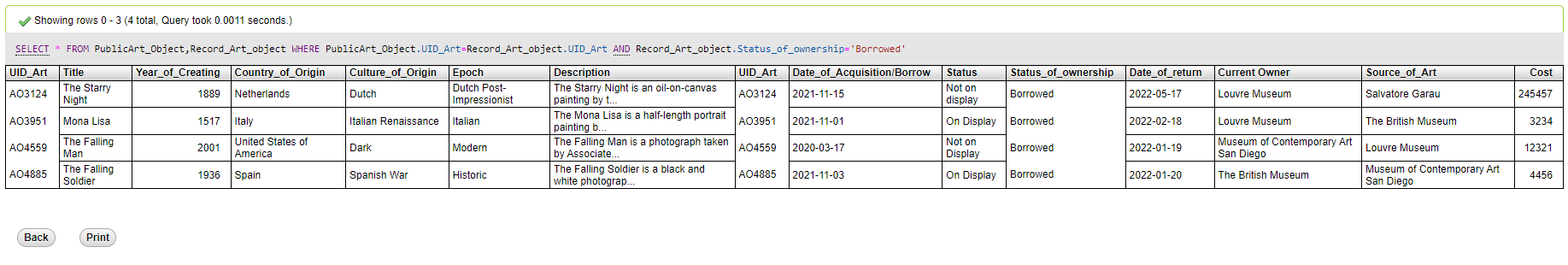
A picture containing table

Description automatically generated**Result:**

1. **List all the borrowed art objects**

**Query:**

[SELECT](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) \* FROM PublicArt\_Object,Record\_Art\_object WHERE PublicArt\_Object.UID\_Art=Record\_Art\_object.UID\_Art [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) Record\_Art\_object.Status\_of\_ownership='Borrowed';

**Result:**

1. **Count the number of art objects created by a given artist.**

**Query:**

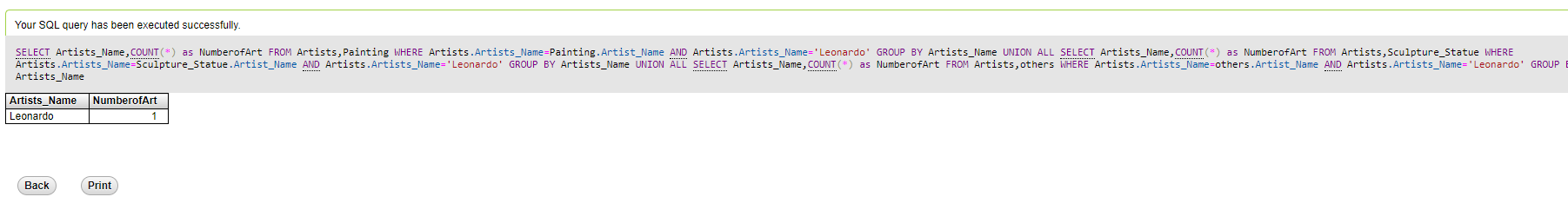
SELECT Artists\_Name,COUNT(\*) as NumberofArt FROM Artists,Painting WHERE Artists.Artists\_Name=Painting.Artist\_Name AND Artists.Artists\_Name='Leonardo' GROUP BY Artists\_Name

UNION ALL

SELECT Artists\_Name,COUNT(\*) as NumberofArt FROM Artists,Sculpture\_Statue WHERE Artists.Artists\_Name=Sculpture\_Statue.Artist\_Name AND Artists.Artists\_Name='Leonardo' GROUP BY Artists\_Name

UNION ALL

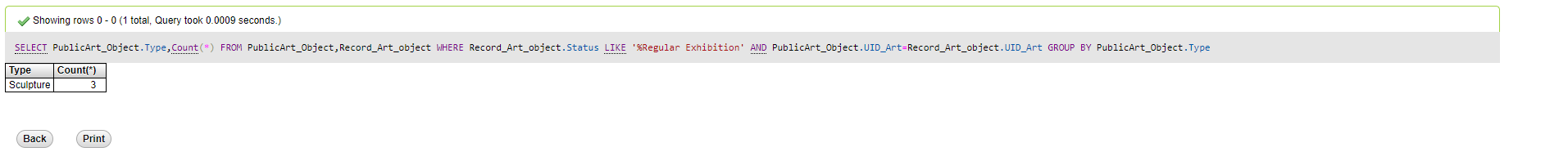
SELECT Artists\_Name,COUNT(\*) as NumberofArt FROM Artists,others WHERE Artists.Artists\_Name=others.Artist\_Name AND Artists.Artists\_Name='Leonardo' GROUP BY Artists\_Name;

**Result:**

1. **Count the number of art objects per type displayed in the regular exhibition and sort the list.**

**Query:**

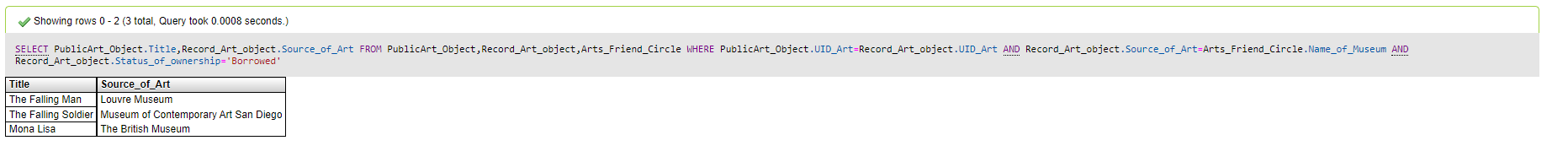
SELECT PublicArt\_Object.Type,Count(\*) FROM PublicArt\_Object,Record\_Art\_object WHERE Record\_Art\_object.Status LIKE ‘%Regular Exhibition’ AND PublicArt\_Object.UID\_Art=Record\_Art\_object.UID\_Art GROUP BY PublicArt\_Object.Type;

**Result:**

1. **List all the art objects borrowed from a given museum in the ‘Arts Friend Circle’.**

**Query:**

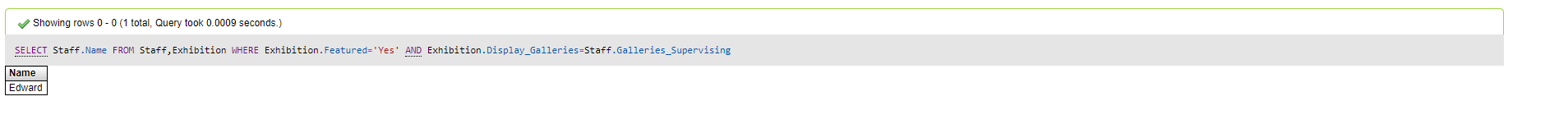
[SELECT](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) PublicArt\_Object.Title,Record\_Art\_object.Source\_of\_Art FROM PublicArt\_Object,Record\_Art\_object,Arts\_Friend\_Circle WHERE PublicArt\_Object.UID\_Art=Record\_Art\_object.UID\_Art [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) Record\_Art\_object.Source\_of\_Art=Arts\_Friend\_Circle.Name\_of\_Museum [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) Record\_Art\_object.Status\_of\_ownership='Borrowed';

**Result:**

1. **List the staff supervising a given featured exhibition.**

**Query:**

[SELECT](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) Staff.Name FROM Staff,Exhibition WHERE Exhibition.Featured='Yes' [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) Exhibition.Display\_Galleries=Staff.Galleries\_Supervising;

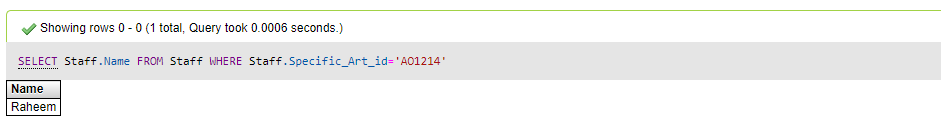
**Result:**

1. **List all the curators responsible for maintaining a given art object**

**Query:**

[SELECT](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) Staff.Name FROM Staff WHERE Staff.Specific\_Art\_id='AO1214';

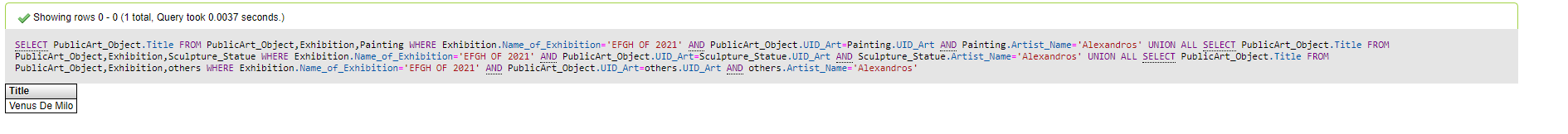
**Result:**



1. **List all the featured exhibitions along with their start and end dates and their loyal visitors**

**Query:**

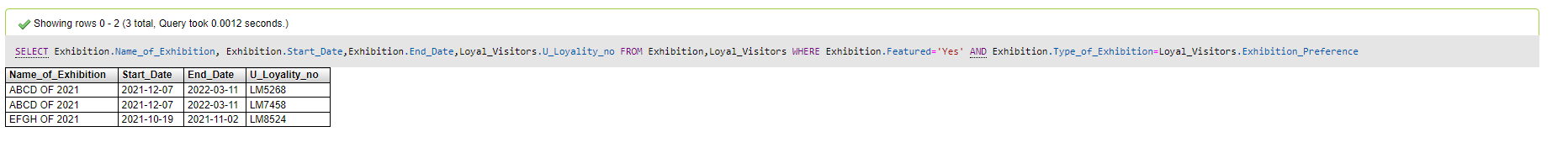
[SELECT](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) Exhibition.Name\_of\_Exhibition, Exhibition.Start\_Date,Exhibition.End\_Date,Loyal\_Visitors.U\_Loyality\_no FROM Exhibition,Loyal\_Visitors WHERE Exhibition.Featured='Yes' [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) Exhibition.Type\_of\_Exhibition=Loyal\_Visitors.Exhibition\_Preference;

**Result:**

1. **List all the art objects used in a given featured exhibition that are created by a given artist**

**Query:**

[SELECT](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) PublicArt\_Object.Title FROM PublicArt\_Object,Exhibition,Painting WHERE Exhibition.Name\_of\_Exhibition='EFGH OF 2021' [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) PublicArt\_Object.UID\_Art=Painting.UID\_Art [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) Painting.Artist\_Name='Alexandros' UNION ALL [SELECT](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) PublicArt\_Object.Title FROM PublicArt\_Object,Exhibition,Sculpture\_Statue WHERE Exhibition.Name\_of\_Exhibition='EFGH OF 2021' [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) PublicArt\_Object.UID\_Art=Sculpture\_Statue.UID\_Art [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) Sculpture\_Statue.Artist\_Name='Alexandros' UNION ALL [SELECT](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) PublicArt\_Object.Title FROM PublicArt\_Object,Exhibition,others WHERE Exhibition.Name\_of\_Exhibition='EFGH OF 2021' [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) PublicArt\_Object.UID\_Art=others.UID\_Art [AND](https://local.abdn.ac.uk/mysql/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) others.Artist\_Name='Alexandros';

**Result:**