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| **MySQL Questions: The order by Clauses** |
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| 1. Is “GROUP BY” clause is similar to “ORDER BY” clause?  * No, GROUP BY clause is used for aggregation of similar values from column, it is applies over column and ORDER BY clause is also applies over column but it is used for arranging the values of column either in ascending or descending order that’s why it is known as ORDER BY by default ascending order is applies over the column. |
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| 1. What is the meaning of “ORDER BY” clause in Mysql?  * ORDER BY clause is applies over column, it is used for arranging the values of column either in ascending or descending order that’s why it is known as ORDER BY by default ascending order is applies over the column. |
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| 3. What is the significance of “ORDER BY” in the following MySQL statement? |
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| **SELECT** emp\_id, fname, lname |
| **FROM** person |
| **ORDER** **BY** emp\_id;   * ORDER BY clause is arranging the columns emp\_id, f\_name and lname by the order of emp\_id column and it will arrange in ascending order because by default ORDER BY clause has ascending order which looks like ASC. |
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| 1. What will be the order of sorting in the following MySQL statement? |
| **SELECT** emp\_id, emp\_name |
| **FROM** person |
| **ORDER** **BY** emp\_id, emp\_name; |
| * ASC(Ascending order), which is by default. |
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| 5. If emp\_id contain the following set {9, 7, 6, 4, 3, 1, 2}, what will be the output on execution of the following MySQL statement? |
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| **SELECT** emp\_id |
| **FROM** person |
| **ORDER** **BY** emp\_id;   * Set{1,2,3,4,6,7,9} |
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| 6. If emp\_id contain the following set {1, 2, 3, 4, 1, 1}, what will be the output on execution of the following MySQL statement? |
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| **SELECT** emp\_id |
| **FROM** person |
| **ORDER** **BY** emp\_id; |
| * {1,1,1,2,3,4} |
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| 7. If emp\_id contain the following set {1, 2, 2, 3, 3, 1}, what will be the output on execution of the following MySQL statement? |
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| **SELECT** emp\_id |
| **FROM** person |
| **ORDER** **BY** emp\_id; |
| * {1,1,2, 2, 3, 3} |
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| 8. If emp\_id contain the following set {-1, -2, 2, 3, -3, 1}, what will be the output on execution of the following MySQL statement? |
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| **SELECT** emp\_id |
| **FROM** person |
| **ORDER** **BY** emp\_id; |
| * {-3,-2, -1, 1, 2, 3} |
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| 9. Which keyword is used for sorting the data in descending order in Mysql? |
| * DESC |
| 10. Which keyword is used for sorting the data in ascending order in Mysql? |

* ASC