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| **www.enosislearning.com** |
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| 1.0 SQL ASSIGNMENTS |
| This assignments is related to Clauses (Basic & Advance Clauses)   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **USE DATABASE ENOSISLEARNING\_DEV**  **Database Details**   |  |  | | --- | --- | | DATASERVERNAME | sharedmssql9.znetindia.net,1234 | | DATABASENAME | ENOSISLEARNING\_DEV | | TABLES | **CANDIDATES, COURSES\_DETAIL** | | USERNAME | enosisdev | | PASSWORD | [enosis@123!](mailto:enosis@123!) |   **You can also download the** ENOSISLEARNING database backup from the below link and restore it  **https://www.enosislearning.com/DownLoads.aspx** | |

**NOTE PLEASE REFER TBLES: USE DATABASE ENOSISLEARNING\_DEV REFER TABLES CANDIDATES AND COURSES\_DETAIL.**

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| **Q.NO** | **QUESTIONS** |
| 1. | WRITE A QUERY TO FIND THE TOTAL NUMBER OF CANDIDATES.  (REFER TABLE: CANDIDATES) |
| 2. | WRITE A QUERY TO SORT THE CANDIDATE CODE FROM HIGHEST TO LOWEST ORDER.  (REFER TABLE: CANDIDATES) |
| 3. | WRITE A QUERY TO FIND THE MINIMUM NUMBER OF CANDIDATES WHO HAVE JOINED AT THE SAME PLACE.  (REFER TABLE: CANDIDATES) |
| 4. | WRITE A QUERY TO FIND THE NUMBER OF CANDIDATES WHO GRADUATED IN THE YEAR '2022'. RETURNS FULLNAME, PASSINGYEAR.  (REFER TABLE: CANDIDATES) |
| 5. | WRITE A QUERY TO FIND THE NUMBER OF CANDIDATES IN ASCENDING ORDER.RETURN ALL FIELDS.  (REFER TABLE: CANDIDATES) |
| 6. | WRITE A QUERY TO FIND THE NUMBER OF CANDIDATES IN DESCENDING ORDER.RETURN ALL FIELDS.  (REFER TABLE: CANDIDATES) |
| 7. | WRITE A QUERY TO FIND ALL CANDIDATES TO SORT THE RESULT- SET BY CANDIDATE CODE IN ASCENDING ORDER RETURN FULLNAME, ADDRESS, SKILLS. (REFER TABLE: CANDIDATES) |
| 8. | WRITE A QUERY TO CALCULATE MAXIMUM MARKS OBTAINED BY THE STUDENTS, SORT THE RESULT-SET BY COURSE ID AND ORDER PERCENTAGE IN ASCENDING ORDER, RETURN FULLNAME, ADDRESS, SKILLS. (REFER TABLE: CANDIDATES) |
| 9. | WRITE A QUERY TO COUNT THE UNIQUE RECORDS BY CITY AND SORT THE RESULT-SET IN DESCENDING ORDERS.  (REFER TABLE: CANDIDATES) |
| 10. | WRITE A QUERY TO CALCULATE TOTAL FEES.  (REFER TABLE: COURSES\_DETAIL) |
| 11. | WRITE A QUERY TO CALCULATE AVERAGE FEES.  (REFER TABLE: COURSES\_DETAIL) |
| 12. | WRITE A QUERY TO FIND, COURSE DURATION THAT IS LESS THAN 45 DAYS.  (REFER TABLE: COURSES\_DETAIL) |
| 13. | WRITE A QUERY TO FIND, MINIMUM NUMBER OF DAYS REQUIRED COMPLETE A COURSE.  (REFER TABLE: COURSES\_DETAIL) |
| 14. | WRITE A QUERY TO FIND THE DISTINCT COURSES AND THEIRE FEES.  (REFER TABLE: COURSES\_DETAIL) |
| 15. | WRITE A SQL QUERY TO FING TOP 3 COURSES.  (REFER TABLE: COURSES\_DETAIL) |
| 16. | WRITE A QUERY TO FIND THE NUMBER OF CANDIDATES WHO HAVE THE SECOND LOWEST PERCENTAGE FROM THE TABLE.  (REFER TABLE: CANDIDATES) |
| 17. | WRITE A QUERY TO FIND DETAILS OF CANDIDATE WHO HAS THE 3rd HIGHEST DURATION OF THE COURSE.  (REFER TABLE: COURSES\_DETAIL) |
| 18. | WRITE A QUERY TO FIND THE NUMBER OF MALE CANDIDDATES WHO JOINED IN THE YEAR 2022.  (REFER TABLE: CANDIDATES) |
| 19. | WRITE A QUERY TO FIND THE NUMBER OF FEMALE CANDIDATES WHO JOINED IN THE YEAR 2022.  (REFER TABLE: CANDIDATES) |
| 20. | WRITE A QUERY TO FIND THE MAXIMUM NUMBER OF CANDIDATES ARE JOINTLY LOCATED AT THE SAME PLACE.  (REFER TABLE: CANDIDATES) |
| 21. | WRITE A QUERY TO FIND THE MAXIMUM NUMBER OF CANDIDATES WHO JOINED ON A SPECIFIC DATE.  (REFER TABLE: CANDIDATES) |