BASIC QUESTIONS IN ORACLE

TABLE NAME:COURSES

BATCHES

STUDENTS

PAYMENTS

# DATA TYPE:

## Courses:

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATATYPE** | |
| COURSE\_CODE | VARCHAR2(10) |
| COURSE\_NAME | VARCHAR2(50) |
| COURSEFEE | NUMBER(6) |
| DURATION | NUMBER(3) |

## Batches:

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATATYPE** | |
| BATCHCODE | VARCHAR2(15) |
| COURSE\_CODE | VARCHAR2(10) |
| START\_DATE | DATE |
| END\_DATE | DATE |
| TIMINGS | VARCHAR2(20) |

## Students:

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATATYPE** | |
| ADMNO | NUMBER(5) |
| BATCHCODE | VARCHAR2(15) |
| ROLLNO | NUMBER(3) |
| FULLNAME | VARCHAR2(50) |
| FATHERNAME | VARCHAR2(50) |
| DOB | DATE |
| EMAIL | VARCHAR2(50) |
| PHONE | VARCHAR2(20) |
| DATE\_OF\_JOINING | DATE |

## Payments:

|  |  |  |
| --- | --- | --- |
| **COLUMN NAME** | **DATATYPE** | |
| RCPTNO | NUMBER(5) |
| ADMNO | NUMBER(5) |
| AMOUNT | NUMBER(6) |
| PAYDATE | DATE |
| REMARKS | VARCHAR2(200) |

# QUESTIONS:

1. To insert the end date values, which are null in the batches table
2. Insert course details of java web course.
3. Display batches of java and oracle.
4. Insert the new student details
5. To change the pay date for rcpt no 10 in payments table
6. Display students whose name contains letter 'S' and father's name contains letter'P
7. Display batches that are running for more than 20 days.
8. Display total amount paid by all students
9. Display students whose name is not contains letter P
10. Display the highest receipt number for payments in the month of may,2008.
11. To join the full name and father name in same column
12. To change the data type for amount column in payments table
13. Display batch code and no. of students in the batch.
14. Display the most recently stated batched for each course.
15. Display batch code , course name, starting date
16. Display students who joined into oracle course.
17. Display course name, batch code and full name
18. Display the courses details who are all not taken the course

**EMPLOYEE:**

|  |  |
| --- | --- |
| **COLUMN NAME** | **DATATYPE** |
| EMPLID | NUMBER(38,0) |
| DEPARTMENT\_ID | NUMBER(38,0) |
| FIRST\_NAME | NVARCHAR2(30 CHAR) |
| LAST\_NAME | NVARCHAR2(30 CHAR) |
| GENDER | NVARCHAR2(30 CHAR) |
| DATE\_OF\_DEATH | DATE |
| EMAIL\_ADDRESS | NVARCHAR2(30 CHAR) |
| PHONE\_NUMBER | NVARCHAR2(30 CHAR) |

**DEPARTMENT:**

|  |  |
| --- | --- |
| **COLUMN NAME** | **DATATYPE** |
| DEPARTMENT\_ID | NUMBER(38,0) |
| EMPLID | NUMBER(38,0) |
| DEPARTMENT\_NAME | NVARCHAR2(100 CHAR) |
| LOCATION | NVARCHAR2(100 CHAR) |

**QUESTIONS:**

1.Display the employee details who are not in department

2.Display the employee details are present in department

3.Display the employee name and department name

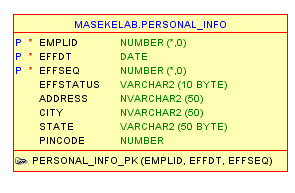
4.Write the employee details who are all working in Chennai

5. Display the department details and employee details are not present in the employee

6.Display the employee list who are in 'support' department.

7.Display the employee list not join the any department

## TOP OF THE STACK



1. Display the employee’s personal detail with the latest entry along with ‘A ‘ effstatus for each employee from below

**Table name :** PERSONAL\_INFO

## DYNAMIC/PLSQL

1. Write a dynamic query concept to truncate the source table and copy data from backup table to the source table using the below config table for each source table and print the query?

**Config table name :** SRC\_BKP\_CONFIG