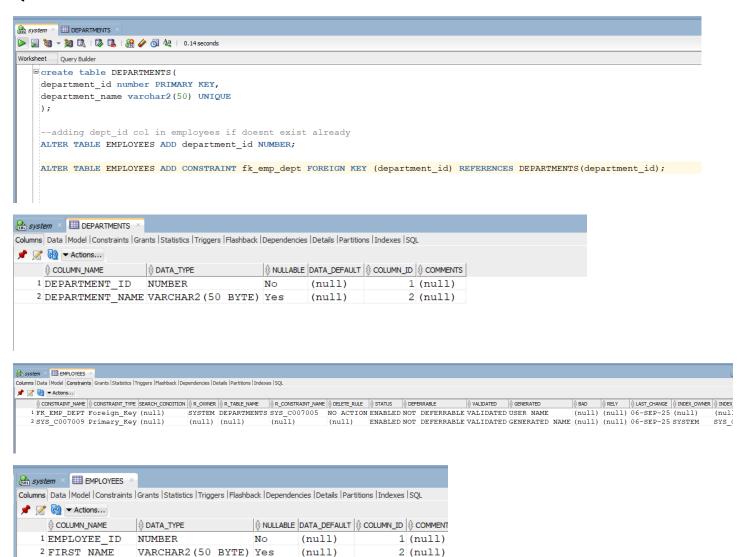
LAB 3 – HOMETASK

23K-0594

Q1.



3 (null)

4 (null)

Q2.

3 HIRE DATE

4 DEPARTMENT ID NUMBER

DATE

```
Worksheet Query Builder

CREATE TABLE HIRE_LOG AS SELECT employee_id, first_name, hire_date FROM EMPLOYEES

WHERE EXTRACT (YEAR FROM hire_date) = 2024;

--employee_id to remain the primary key in HIRE_LOG

ALTER TABLE HIRE_LOG ADD CONSTRAINT pk_hirelog PRIMARY KEY (employee_id);
```

(null)

(null)

Yes

Yes

```
Columns Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details | Partitions | Indexes | SQL

| Actions...
| COLUMN_NAME | DATA_TYPE | NULLABLE | DATA_DEFAULT | COLUMN_ID | COMMENTS |

1 EMPLOYEE_ID NUMBER | No (null) | 1 (null) |

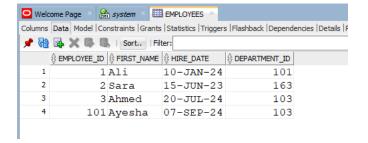
2 FIRST_NAME | VARCHAR2 (50 BYTE) | Yes (null) | 2 (null) |

3 HIRE_DATE | DATE | DATE | Yes (null) | 3 (null)
```

Q3.

```
☑ Welcome Page × 🔐 system × 🖽 HIRE_LOG
Worksheet Query Builder
   INSERT INTO DEPARTMENTS (department id, department name) VALUES (101, 'Human Resources');
   INSERT INTO DEPARTMENTS (department id, department name) VALUES (102, 'Marketing');
   INSERT INTO DEPARTMENTS (department id, department name) VALUES (103, 'Engineering');
   INSERT INTO DEPARTMENTS (department id, department name) VALUES (163, 'Finance');
   INSERT INTO DEPARTMENTS (department id, department name) VALUES (185, 'Sales');
Columns Data Model | Constraints | Grants | Statistics | Triggers | Flashback | Depend
📌 🙀 🛼 🗶 👺 👢 | Sort.. | Filter:
  101 Human Resources
         102 Marketing
         103 Engineering
   3
         163 Finance
   5
          185 Sales
```

Q4.



Q5.

```
Welcome Page × system × EMPLOYEES
Worksheet Query Builder
   UPDATE EMPLOYEES
    SET department id = (
         SELECT department_id
         FROM DEPARTMENTS
         WHERE department name = 'Human Resources'
    WHERE department_id = (
         SELECT department id
         FROM DEPARTMENTS
         WHERE department_name = 'Marketing'
☐ Welcome Page × 🔐 system × 🖽 EMPLOYEES ×
Columns Data Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details
📌 🙌 🔜 🗶 🕒 👢 | Sort.. | Filter:
   1 Ali 10-JAN-24 101
      2 Sara 15-JUN-23
3 Ahmed 20-JUL-24
                       15-JUN-23
                                         163
   3
                                         103
         101 Ayesha 07-SEP-24
                                        103
   5
         122 Sara 10-FEB-14
                                         102
☑ Welcome Page × 🔐 system × 🖽 EMPLOYEES ×
Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details | Partif
📌 🙌 🛃 🗶 👺 👢 | Sort.. | Filter:
  $ EMPLOYEE_ID $ FIRST_NAME $ HIRE_DATE $ DEPARTMENT_ID
     1 Ali 10-JAN-24 101
      2 Sara
3 Ahmed
   2
                       15-JUN-23
                                         163
   3
                       20-JUL-24
                                         103
          101 Ayesha 07-SEP-24
                                         103
                       10-FEB-14
          122 Sara
                                         101
```

Q6.

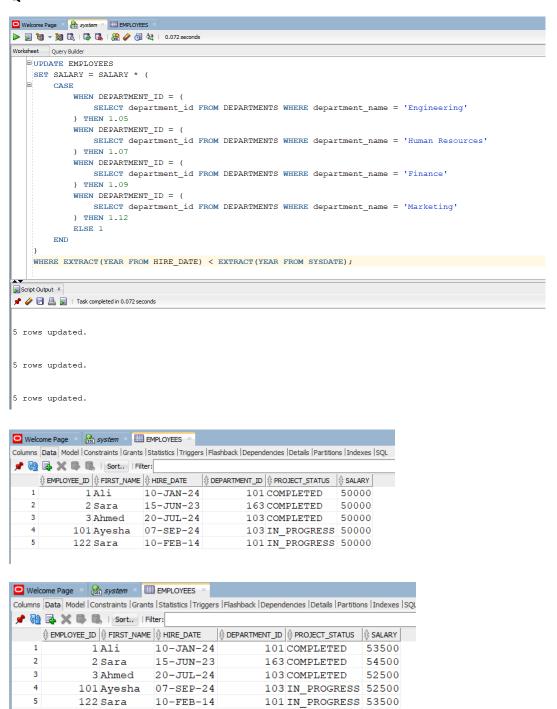
```
☐ Welcome Page × 🔐 system × 🎹 EMPLOYEES ×
Columns Data Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details | Partitions | Indexes | SQL
 📌 🐚 🛃 🗶 👺 👢 | Sort.. | Filter:
        \lozenge \; \mathsf{EMPLOYEE\_ID} \; | \: \lozenge \; \mathsf{FIRST\_NAME} \; | \: \lozenge \; \mathsf{HIRE\_DATE} \qquad | \: \: \lozenge \; \mathsf{DEPARTMENT\_ID} \; | \: \: \lozenge \; \mathsf{PROJECT\_STATUS} 
                    1 Ali
                                    10-JAN-24
                                                                101 COMPLETED
    2
                    2 Sara
                                     15-JUN-23
                                                                 163 COMPLETED
                                    20-JUL-24
                                                                 103 COMPLETED
    3
                    3 Ahmed
                                                        103 IN_PROGRESS
                101 Ayesha 07-SEP-24
                                                        101 IN_PROGRESS
                122 Sara 10-FEB-14
```

Q7.

5

122 Sara

10-FEB-14



```
Welcome Page * System * System
```

