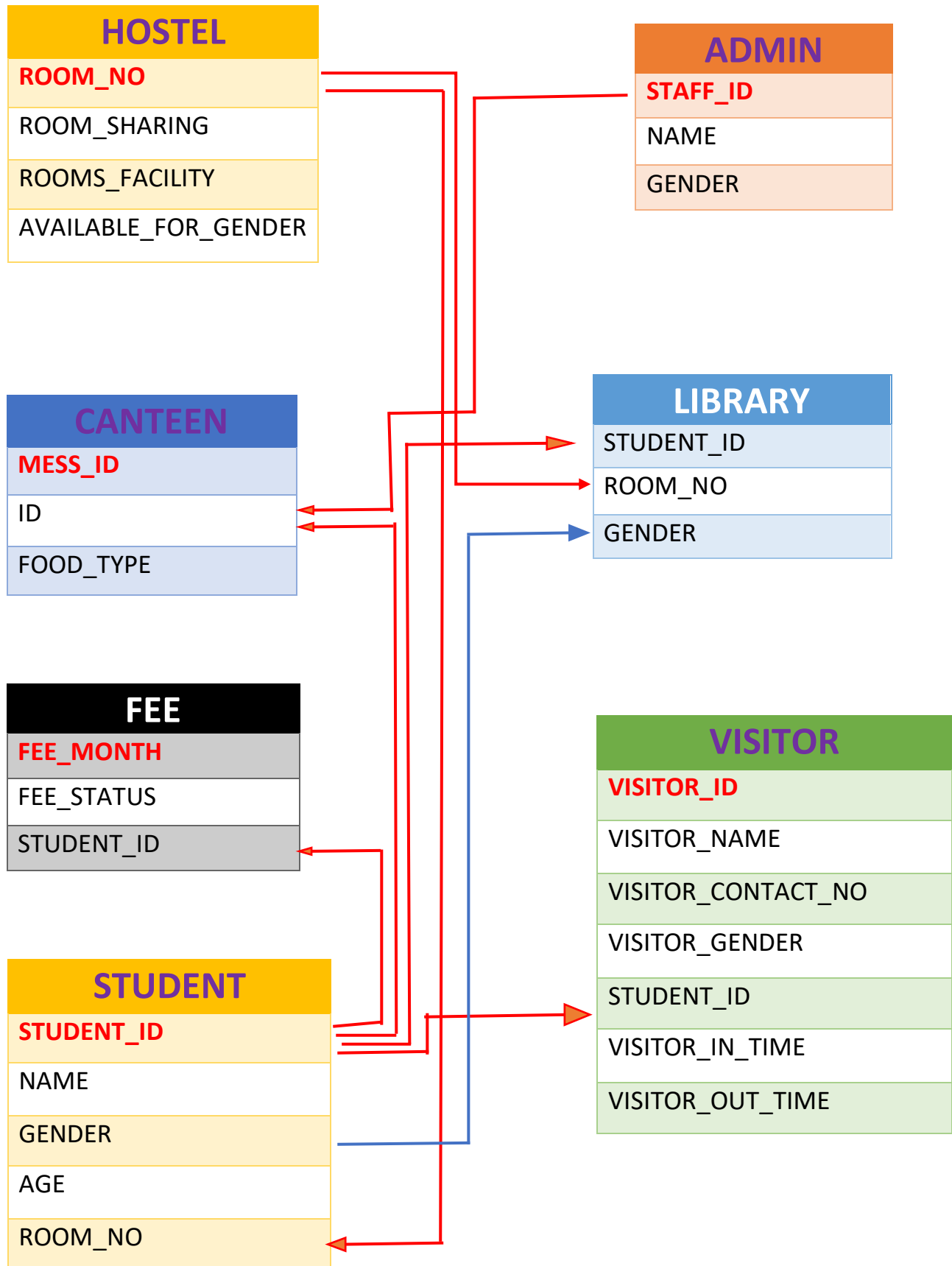


ASSIGNMENT 03

PRN: 220950125020



The screenshot shows a SQL IDE window with a toolbar at the top containing icons for SQL, file operations, and database management. The main text area contains the following SQL query:

```
--Que1. |print all male staff
select
staff_id, name
from
admin
where
gender like 'MALE'
```

Below the query editor, there is a navigation bar with buttons: Result, Output, Record View, Explain Plan, Statistics, DBMS Output, and SQL Logging. The 'Result' tab is active, displaying a table with the following data:

STAFF_ID	NAME
1526	RAHUL SONAWANE
1540	RAJATH F

The screenshot shows a SQL IDE window with a toolbar at the top. The main text area contains the following SQL query:

```
--Que 2. |Print student\staff id who have taken non-veg at mess
select
id, food_type
from
canteen
where
food_type like 'NON_VEG'
```

Below the query editor, there is a navigation bar with buttons: Result, Output, Record View, Explain Plan, Statistics, DBMS Output, and SQL Logging. The 'Result' tab is active, displaying a table with the following data:

ID	FOOD_TYPE
104	NON-VEG
105	NON-VEG
107	NON-VEG
108	NON-VEG
1532	NON-VEG
1589	NON-VEG
1526	NON-VEG

The screenshot shows a SQL IDE with a query editor at the top and a results pane at the bottom. The query editor contains the following SQL code:

```
--Que 3. Display student id and name of student living in S02
select
student_id,name
from
student
where
room_no like 's02'
```

The results pane shows the following table:

STUDENT_ID	NAME
104	FIZA MARIYAMM
111	CHARU PATIL

The screenshot shows a SQL IDE with a query editor at the top and a results pane at the bottom. The query editor contains the following SQL code:

```
--Que 4. Display all male student from student table
select
name,gender
from
student
where
gender like 'MALE'
```

The results pane shows the following table:

NAME	GENDER
HRISHIKESH BAGUL	MALE
ROHAN DONGRE	MALE
ASHISH MAGRE	MALE
LOKESH BHANAGLE	MALE
AJAY KUNTE	MALE
ASHUTOSH DESAI	MALE

The screenshot shows a SQL IDE interface. The top toolbar contains various icons for file operations, execution, and viewing. The main editor area contains the following SQL query:

```
--Que 5. Display all female student from student table
select
name,gender
from
student
where
gender like 'FEMALE'
```

Below the editor, there are tabs for 'Result', 'Output', 'Record View', 'Explain Plan', 'Statistics', 'DBMS Output', and 'SQL Logging'. The 'Result' tab is active, displaying a table with the following data:

NAME	GENDER
FIZA MARIYAMM	FEMALE
AFREEN FATIMA	FEMALE
VIBHUTI RAINA	FEMALE
CHARU PATIL	FEMALE
NIKKI PATIL	FEMALE

The screenshot shows a SQL IDE interface. The top toolbar contains various icons for file operations, execution, and viewing. The main editor area contains the following SQL query:

```
--Que 6. Display all student lives in F02
select
student_id,name
from
student
where
room_no like 'F02'
```

Below the editor, there are tabs for 'Result', 'Output', 'Record View', 'Explain Plan', 'Statistics', 'DBMS Output', and 'SQL Logging'. The 'Result' tab is active, displaying a table with the following data:

STUDENT_ID	NAME
101	HRISHIKESH BAGUL
103	ASHISH MAGRE
107	LOKESH BHANAGLE

The screenshot shows the SQL Developer interface. The top toolbar includes icons for running queries, saving, and other database functions. The main text area contains the following SQL query:

```
--Que 7|. Display all student lives in S01
select
student_id,name
from
student
where
room_no like 'S01'
```

Below the query editor, there are tabs for 'Result', 'Output', 'Record View', 'Explain Plan', 'Statistics', 'DBMS Output', and 'SQL Logging'. The 'Result' tab is selected, displaying a table with two columns: 'STUDENT_ID' and 'NAME'.

STUDENT_ID	NAME
108	AFREEN FATIMA
109	VIBHUTI RAINA

The screenshot shows the SQL Developer interface. The top toolbar includes icons for running queries, saving, and other database functions. The main text area contains the following SQL query:

```
--Que 8. Display all student lives in F03
select
student_id,name
from
student
where
room_no like 'F03'
```

Below the query editor, there are tabs for 'Result', 'Output', 'Record View', 'Explain Plan', 'Statistics', 'DBMS Output', and 'SQL Logging'. The 'Result' tab is selected, displaying a table with two columns: 'STUDENT_ID' and 'NAME'.

STUDENT_ID	NAME
105	KUKKU GAITONDE
110	ASHUTOSH DESAI

SQL Query Editor Interface:

```
--Que 9. Display all student who have age in between 22 to 25
select
student_id,name
from
student
where
age>=22
and
age<=25
```

Result View:

STUDENT_ID	NAME
102	ROHAN DONGRE
104	FIZA MARIYAMM
105	KUKKU GAITONDE
107	LOKESH BHANAGLE
106	AJAY KUNTE
110	ASHUTOSH DESAI
109	VIBHUTI RAINA
111	CHARU PATIL
112	NIKKI PATIL

SQL Query Editor Interface:

```
--Que 10. Display all student whose name start with V
select
student_id,name
from
student
where
name like 'V%'
```

Result View:

STUDENT_ID	NAME
109	VIBHUTI RAINA

SQL

```
--Que 11. Display unique age of all student
select
distinct
age
from
student
```

Result Output Record View Explain Plan Statistics DBMS Output SQL Logging

AGE
22
25
28
21
24
23
27

SQL

```
--Que 12. Display unique age of all student
select
name || ' ' || room_no as "Student Details"
from
student
```

Result Output Record View Explain Plan Statistics DBMS Output SQL Logging

Student Details
HRISHIKESH BAGUL F02
ROHAN DONGRE F01
ASHISH MAGRE F02
FIZA MARIYAMM S02
KUKKU GAITONDE F03
LOKESH BHANAGLE F02
AJAY KUNTE F01
AFREEN FATIMA S01
ASHUTOSH DESAI F03
VIBHUTI RAINA S01
CHARU PATIL S02
NIKKI PATIL S03

The screenshot shows the SQL Developer interface. The top toolbar includes icons for SQL, file operations, and performance monitoring (TOP 5S, TOP 5R, TOP 10, SB). The main editor contains the following SQL query:

```
--Que 13. Display visitors in time between 7:00 to 15:00
select
visitor_name,visitor_in_time,visitor_out_time
from
visitor
where
visitor_in_time
between '07:00' and '15:00'
```

Below the editor, the 'Result' tab is active, displaying a table with the following data:

VISITOR_NAME	VISITOR_IN_TIME	VISITOR_OUT_TIME
AKSHAT SHRIVASTAV	11:19	13:01
DIVYA BISHT	14:15	14:35

The screenshot shows the SQL Developer interface. The top toolbar is identical to the first screenshot. The main editor contains the following SQL query:

```
--Que 14. Display count of male visitors
select
count(visitor_name)
from
visitor
where
visitor_gender like 'MALE'
```

Below the editor, the 'Result' tab is active, displaying a table with the following data:

COUNT(VISITOR_NAME)
4

SQL Query Editor Interface:

```

1 --Que 15. Display student name who have same room facility
2 select
3 student.name,hostel.room_no,hostel.rooms_facility
4 from
5 student,hostel
6 where
7 student.room_no = hostel.room_no
8 and
9 HOSTEL.rooms_facility like 'INTERNET,FOOD,HOUSEKEEPING'

```

Result View:

NAME	ROOM_NO	ROOMS_FACILITY
AJAY KUNTE	F01	INTERNET,FOOD,HOUSEKEEPING
ROHAN DONGRE	F01	INTERNET,FOOD,HOUSEKEEPING
ASHISH MAGRE	F02	INTERNET,FOOD,HOUSEKEEPING
HRISHIKESH BAGUL	F02	INTERNET,FOOD,HOUSEKEEPING
LOKESH BHANAGLE	F02	INTERNET,FOOD,HOUSEKEEPING
AFREEN FATIMA	S01	INTERNET,FOOD,HOUSEKEEPING
VIBHUTI RAINA	S01	INTERNET,FOOD,HOUSEKEEPING
NIKKI PATIL	S03	INTERNET,FOOD,HOUSEKEEPING

SQL Query Editor Interface:

```

1 --Que 16. Display no. of visitor details for student_id=107
2 select
3 visitor_name,visitor_contact_no,visitor_gender,visitor_in_time,
4 visitor_out_time
5 from
6 visitor
7 where
8 student_id like '107'

```

Result View:

VISITOR_NAME	VISITOR_CONTACT_NO	VISITOR_GENDER	VISITOR_IN_TIME	VISITOR_OUT_TIME
AKSHAT SHRIVASTAV	25212	MALE	11:19	13:01

The screenshot shows a SQL IDE with a query editor at the top containing the following SQL code:

```
--Que 17. Display no. of visitor before 19:00
select
count(visitor_name)
from
visitor
where
visitor_in_time <= '19:00'
```

Below the editor is a toolbar with navigation icons. A tabbed interface below the toolbar includes 'Result', 'Output', 'Record View', 'Explain Plan', 'Statistics', 'DBMS Output', and 'SQL Logging'. The 'Result' tab is active, displaying a table with one row:

COUNT(VISITOR_NAME)
4

The screenshot shows a SQL IDE with a query editor at the top containing the following SQL code:

```
--Que 18. Display all columns from library table
select *
from
library
```

Below the editor is a toolbar with navigation icons. A tabbed interface below the toolbar includes 'Result', 'Output', 'Record View', 'Explain Plan', 'Statistics', 'DBMS Output', and 'SQL Logging'. The 'Result' tab is active, displaying a table with four rows:

STUDENT_ID	ROOM_NO	GENDER
106	F01	MALE
110	F03	MALE
109	S01	FEMALE
107	F02	MALE

SQL Editor Interface showing a query for Question 19:

```
--Que 19. Display visitor gender for student id = 112
select
visitor_gender
from
visitor
where
student_id=112;
```

Navigation buttons: Result, Output, Record View, Explain Plan, Statistics, DBMS Output, SQL Logging.

Result View:

VISITOR_GENDER
FEMALE
FEMALE

SQL Editor Interface showing a query for Question 20:

```
--Que 20. change and Display room no of student id 107 to F01
--update student
--set room_no='F01'
--where
--student_id = 107
select *from student;
```

Navigation buttons: Result, Output, Record View, Explain Plan, Statistics, DBMS Output, SQL Logging.

Result View:

STUDENT_ID	NAME	GENDER	AGE	ROOM_NO
101	HRISHIKESH BAGUL	MALE	28	F02
102	ROHAN DONGRE	MALE	22	F01
103	ASHISH MAGRE	MALE	21	F02
104	FIZA MARIYAMM	FEMALE	25	S02
105	KUKKU GAITONDE	OTHER	24	F03
107	LOKESH BHANAGLE	MALE	23	F01
106	AJAY KUNTE	MALE	24	F01
108	AFREEN FATIMA	FEMALE	27	S01
110	ASHUTOSH DESAI	MALE	24	F03
109	VIBHUTI RAINA	FEMALE	23	S01
111	CHARU PATIL	FEMALE	25	S02
112	NIKKI PATIL	FEMALE	23	S03

The screenshot shows a SQL IDE interface. The top toolbar contains various icons for file operations, execution, and viewing. The main editor area contains the following SQL query:

```
--Que 21. Display the count of male student in class
select
count (gender)
from
student
where
gender like 'MALE'
```

Below the editor, there is a navigation bar with tabs: Result, Output, Record View, Explain Plan, Statistics, DBMS Output, and SQL Logging. The 'Result' tab is selected, displaying the following output:

COUNT(GENDER)
6

The screenshot shows the same SQL IDE interface. The main editor area contains the following SQL query:

```
--Que 22. Display the count of female student in class
select
count (gender)
from
student
where
gender like 'FEMALE'
```

Below the editor, the 'Result' tab is selected, displaying the following output:

COUNT(GENDER)
5

SQL Editor Interface showing the execution of a query.

```

1 --Que 23. Make visitor id ascending and display visitor id, visitor name,
2 --student id and student name
3 select
4 visitor_id,visitor_name,
5 student_id
6 from
7 visitor
8 order by
9 visitor_id

```

Result View:

VISITOR_ID	VISITOR_NAME	STUDENT_ID
501	ASAD PATEL	103
502	DIVYA BISHT	110
503	BABA ORLA	105
504	SNEHA CHANDRA	112
505	SOUMYA T	112
507	HARDIK PATEL	106
509	AKSHAT SHRIVASTAV	107

SQL Editor Interface showing the execution of a query.

```

1 --Que 24. Display available for gender and facility available
2 --in lower case from hostel table
3 select
4 LOWER(available_for_gender),LOWER(rooms_facility)
5 from
6 hostel

```

Result View:

LOWER(AVAILABLE_FOR_GENDER)	LOWER(ROOMS_FACILITY)
male	internet,food,housekeeping
male	internet,food,housekeeping
male	internet,food
female	internet,food,housekeeping
female	internet,food
female	internet,food,housekeeping

```
--Que 25. Insert a new row in student table with credentials
insert into
student(student_id,name,gender,age,room_no)
values
(113,'LATA VENU','FEMALE',24,'S03')
```

```
--Que 26. Display student name and id who are staying in 3 sharing
SELECT
S.STUDENT_ID,S.NAME,H.room_no
FROM
STUDENT S
INNER JOIN HOSTEL H
on
S.ROOM_NO = H.ROOM_NO
where
room_sharing=3;
```

STUDENT_ID	NAME	ROOM_NO
107	LOKESH BHANAGLE	F01
106	AJAY KUNTE	F01
102	ROHAN DONGRE	F01
103	ASHISH MAGRE	F02
101	HRISHIKESH BAGUL	F02
109	VIBHUTI RAINA	S01
108	AFREEN FATIMA	S01
112	NIKKI PATIL	S03
113	LATA VENU	S03

The screenshot shows a SQL IDE with a query editor and a results pane. The query editor contains the following SQL code:

```
--Que 27. Display room number who have housekeeping facility
SELECT
h.ROOM_NO
FROM
STUDENT S
INNER JOIN HOSTEL H
on
S.ROOM_NO = H.ROOM_NO
where
rooms_facility like '%HOUSEKEEPING|'
```

The results pane displays a table with the following data:

ROOM_NO
F01
F01
F01
F02
F02
S01
S01
S03
S03

The screenshot shows a SQL IDE with a query editor and a results pane. The query editor contains the following SQL code:

```
--Que 28. Display food type taken by id 1526 with its mess id
SELECT
mess_id, food_type
FROM
canteen
where
id = 1526
```

The results pane displays a table with the following data:

MESS_ID	FOOD_TYPE
101	VEG
102	NON-VEG

The screenshot shows a SQL IDE with a toolbar at the top containing icons for SQL, file operations, and execution. The main editor area contains the following SQL query:

```
--Que 29. Display number of female student on age between 24 to 27
SELECT
count(name)
FROM
student
where
gender like 'FEMALE'
and
age between 24 and 27;
```

Below the editor, there are tabs for 'Result', 'Output', 'Record View', 'Explain Plan', 'Statistics', 'DBMS Output', and 'SQL Logging'. The 'Result' tab is active, displaying a single row with the column 'COUNT(NAME)' and the value '4'.

COUNT(NAME)
4

The screenshot shows a SQL IDE with a toolbar at the top. The main editor area contains the following SQL query:

```
--Que 30. Display student name whose gender is male and
--making decending order by for age
SELECT
name, age
FROM
student
where
gender like 'MALE'
order by
age desc
```

Below the editor, there are tabs for 'Result', 'Output', 'Record View', 'Explain Plan', 'Statistics', 'DBMS Output', and 'SQL Logging'. The 'Result' tab is active, displaying a table with two columns: 'NAME' and 'AGE'.

NAME	AGE
HRISHIKESH BAGUL	28
ASHUTOSH DESAI	24
AJAY KUNTE	24
LOKESH BHANAGLE	23
ROHAN DONGRE	22
ASHISH MAGRE	21