

# Assignment screenshots

Q1:

Part\_1:

Initial database:

BOOK_ID	TITLE	COPIES
1001	pds	5
1002	dbms	4
1003	coa	3
1004	os	2
1005	algo	1

After 2 book issues:

```
Trigger created.

Enter value for option_i_or_r: i
old 15:      opt := '&option_I_or_R';
new 15:      opt := 'i';
Enter value for card_no: 2003
old 16:      cno := &card_no;
new 16:      cno := 2003;
Enter value for card_holder_name: rahul
old 17:      cname := '&card_holder_name';
new 17:      cname := 'rahul';
Enter value for bookid: 1004
old 18:      bookid := &bookid;
new 18:      bookid := 1004;
Book issued succesfully!

PL/SQL procedure successfully completed.
```

BOOK_ID	TITLE	COPIES
1001	pds	4
1002	dbms	4
1003	coa	3
1004	os	1
1005	algo	1

  

CARD_NO	CHOLDER_NAME	BOOK_ID	ISSUE_DATE	DUE_DATE
2005	gaurav	1001	2020-02-07	2020-02-14
2003	rahul	1004	2020-02-07	2020-02-14

After 1 return:

```

Enter value for option_i_or_r: r
old 15:      opt := '&option_I_or_R';
new 15:      opt := 'r';
Enter value for card_no: 2003
old 16:      cno := &card_no;
new 16:      cno := 2003;
Enter value for card_holder_name: rahul
old 17:      cname := '&card_holder_name';
new 17:      cname := 'rahul';
Enter value for bookid: 1004
old 18:      bookid := &bookid;
new 18:      bookid := 1004;
Book returned succesfully!

```

PL/SQL procedure successfully completed.

BOOK_ID	TITLE	COPIES
1001	pds	4
1002	dbms	4
1003	coa	3
1004	os	2
1005	algo	1

  

CARD_NO	CHOLDER_NAME	BOOK_ID	ISSUE_DATE	DUE_DATE
2005	gaurav	1001	2020-02-07	2020-02-14

  

CARD_NO	CHOLDER_NAME	BOOK_ID	RETURN_DAT	ISSUE_DATE
2003	rahul	1004	2020-02-07	2020-02-07

## Part\_2:

### Account Table

ACCNO	ACCNAME	TYPE	BALANCE
2001	balaji	saving	1000
2002	sai	current	2000
2003	rahul	saving	3000
2004	yash	current	4000
2005	gaurav	saving	5000

After 1 transaction –

```

Enter value for tr_type_w_or_d: d
old 12:      tr_type := '&tr_type_w_or_d';
new 12:      tr_type := 'd';
Enter value for ac_no: 2005
old 13:      ac_no := '&ac_no';
new 13:      ac_no := '2005';
Enter value for tr_id: 3546554
old 14:      tr_id := '&tr_id';
new 14:      tr_id := '3546554';
Enter value for amt: 5000
old 15:      amt := '&amt';
new 15:      amt := '5000';
Deposit allowed
Amount 5000 deposited succesfully!

```

PL/SQL procedure successfully completed.

ACCNO	ACCNAME	TYPE	BALANCE
2001	balaji	saving	1000
2002	sai	current	2000
2003	rahul	saving	3000
2004	yash	current	4000
2005	gaurav	saving	10000

  

TR_ID	ACCNO	TR_TYPE	AMT	DATE_OF_TR
3546554	2005	d	5000	2020-02-07

## After 2 transaction –

```

Enter value for tr_type_w_or_d: w
old 12:      tr_type := '&tr_type_w_or_d';
new 12:      tr_type := 'w';
Enter value for ac_no: 2005
old 13:      ac_no := '&ac_no';
new 13:      ac_no := '2005';
Enter value for tr_id: 356465
old 14:      tr_id := '&tr_id';
new 14:      tr_id := '356465';
Enter value for amt: 2000
old 15:      amt := '&amt';
new 15:      amt := '2000';
Withdraw allowed
Amount 2000 withdrawn succesfully!

```

PL/SQL procedure successfully completed.

ACCNO	ACCNAME	TYPE	BALANCE
2001	balaji	saving	1000
2002	sai	current	2000
2003	rahul	saving	3000
2004	yash	current	4000
2005	gaurav	saving	8000

  

TR_ID	ACCNO	TR_TYPE	AMT	DATE_OF_TR
3546554	2005	d	5000	2020-02-07
356465	2005	w	2000	2020-02-07

## Q2:

Database :

PATIENT_ID	PATIENT_NAME	DOB	SEX
111	ravi	2000-11-03	M
112	rama	1999-12-04	F
113	nidhi	1960-12-04	F
114	raju	2000-10-02	M

  

DOCTOR_ID	DOCTOR_NAME	SPECIALIZA	UNIT
221	ram	nuero	2
222	raj	cardio	3
223	sai	derma	1

  

DOCTOR_ID	OPD_DATE	FEES
221	2020-02-02	3000
222	2020-02-02	4000
223	2020-02-02	5000

  

APPOINTMENT_NO	PATIENT_ID	DOCTOR_ID	APP_DATE
1	111	221	2020-02-02
2	111	221	2020-02-03
3	111	222	2020-02-04
4	112	223	2020-02-05
5	112	223	2020-02-06
6	112	223	2020-02-07
7	113	221	2020-02-08
8	113	223	2020-02-09
9	114	221	2020-02-03
10	114	222	2020-02-04

10 rows selected.

  

APPOINTMENT_NO	PATIENT_ID	AMT	DATE_PAYME
1	111	3000	2020-02-02
2	111	3000	2020-02-03
3	111	4000	2020-02-04
4	112	5000	2020-02-05
5	112	5000	2020-02-06
6	112	5000	2020-02-07
7	113	1500	2020-02-08
8	113	2500	2020-02-09
9	114	3000	2020-02-03
10	114	4000	2020-02-04

10 rows selected.

--1

```
SQL> @c:/dbms/q2.sql  
rama 112 223
```

--2

APPOINTMENT_NO	PATIENT_ID	AMT	DATE_PAYME
1	111	3000	2020-02-02
2	111	3000	2020-02-03
3	111	4000	2020-02-04
4	112	5000	2020-02-05
5	112	5000	2020-02-06
6	112	5000	2020-02-07
7	113	1500	2020-02-08
8	113	2500	2020-02-09
9	114	3000	2020-02-03
10	114	4000	2020-02-04

--3

```
SQL> @c:/dbms/q2.sql
```

UNIT	COUNT(*)
1	4
3	2
2	4

  

APP_DATE	COUNT(*)
2020-02-05	1
2020-02-08	1
2020-02-06	1
2020-02-03	2
2020-02-02	1
2020-02-04	2
2020-02-07	1
2020-02-09	1

8 rows selected.

--4

View created.

DOCTOR_ID	OPD_DATE	FEES
221	2020-02-02	3000
222	2020-02-02	4000
223	2020-02-02	5000

Enter value for enter\_date: 2025-05-07

old 2: set opd\_date = '&enter\_date'

new 2: set opd\_date = '2025-05-07'

Enter value for enter\_doctor\_id: 222

old 3: where doctor\_id = '&enter\_doctor\_id'

new 3: where doctor\_id = '222'

1 row updated.

DOCTOR_ID	OPD_DATE	FEES
221	2020-02-02	3000
222	2025-05-07	4000
223	2020-02-02	5000

--5

SQL> @c:/dbms/q2.sql

View created.

PATIENT_NAME	AGE	APP_DATE	DOCTOR_NAME
ravi	20	2020-02-04	raj
ravi	20	2020-02-03	ram
ravi	20	2020-02-02	ram
rama	21	2020-02-07	sai
rama	21	2020-02-06	sai
rama	21	2020-02-05	sai
nidhi	60	2020-02-09	sai
nidhi	60	2020-02-08	ram
raju	20	2020-02-04	raj
raju	20	2020-02-03	ram

10 rows selected.

Activate V  
Go to Setting

--6

```
SQL> @c:/adms/q2.sql
```

View created.

DOCTOR_ID	OPD_DATE	FEES
221	2020-02-02	3000
222	2025-05-07	4000
223	2020-02-02	5000

Enter value for enter\_new\_fees: 10000

old 2: set fees = '&enter\_new\_fees'

new 2: set fees = '10000'

Enter value for enter\_doctor\_id: 222

old 3: where doctor\_id = '&enter\_doctor\_id'

new 3: where doctor\_id = '222'

1 row updated.

DOCTOR_ID	OPD_DATE	FEES
221	2020-02-02	3000
222	2025-05-07	10000
223	2020-02-02	5000

## Q3:

### Database

SROLL	NAME	BRANCH	BATCH	PROGRAMME
1	gaurav	cse	2017	btech
2	balaji	cse	2015	btech
3	sai	mee	2017	btech
4	rajat	eee	2015	btech
5	yash	ece	2017	btech

  

CID	CNAME	INSTRUCTOR
1	agt	joy
2	up	sankarsan
3	iem	bartarya
4	cms	pr.sahoo

  

SROLL	COURSE_ID	PERIOD_S	PERIOD_E	TOTAL_CLASSES	ATTEND
1	1	2020-01-03	2020-05-06	12	95
2	1	2020-01-04	2020-05-07	12	80
3	3	2020-01-03	2020-05-04	12	90
4	2	2020-01-05	2020-05-07	12	65
5	4	2020-01-10	2020-05-15	12	75
4	3	2020-01-08	2020-05-10	10	70
5	2	2020-01-12	2020-05-15	12	85

--1

NAME

-----  
gaurav  
sai  
yash

--2

```
SQL> @c:/dbms/q3.sql
Enter value for enter_batch_year: 2017
old 3:      from attendance a, student s where s.sroll = a.sroll AND s.batch = '&enter_batch_year'
new 3:      from attendance a, student s where s.sroll = a.sroll AND s.batch = '2017'

View created.
```

SROLL	BATCH	COURSE_ID	PERIOD_S	PERIOD_E	TOTAL_CLASSES	ATTEND
1	2017	1	2020-01-03	2020-05-06	12	95
3	2017	3	2020-01-03	2020-05-04	12	90
5	2017	4	2020-01-10	2020-05-15	12	75
5	2017	2	2020-01-12	2020-05-15	12	85

--3

```
SQL> @c:/dbms/q3.sql
Enter value for enter_batch_year: 2015
old 3:      from attendance a, student s where s.sroll = a.sroll AND s.batch = '&enter_batch_year'
new 3:      from attendance a, student s where s.sroll = a.sroll AND s.batch = '2015'

View created.
```

SROLL	BATCH	COURSE_ID	PERIOD_S	PERIOD_E	TOTAL_CLASSES	ATTEND
2	2015	1	2020-01-04	2020-05-07	12	80
4	2015	2	2020-01-05	2020-05-07	12	65
4	2015	3	2020-01-08	2020-05-10	10	70

NAME	COURSE_ID
rajat	2
rajat	3

Activate Windows  
Go to Settings to activate Windows.

--4

```
SQL> @c:/dbms/q3.sql
Enter value for enter_course_id: 3
old 3:      where a.course_id = '&enter_course_id'
new 3:      where a.course_id = '3'

View created.
```

SROLL	COURSE_ID	ATTEND
3	3	90
4	3	70



--5

```
SQL> @c:/dbms/q3.sql
Enter value for enter_new_attendance: 87
old 2:      set attend = '&enter_new_attendance'
new 2:      set attend = '87'
Enter value for sroll: 3
old 3:      where sroll = '&sroll'
new 3:      where sroll = '3'
```

1 row updated.

SROLL	COURSE_ID	ATTEND
3	3	87
4	3	70

SROLL	COURSE_ID	PERIOD_S	PERIOD_E	TOTAL_CLASSES	ATTEND
1	1	2020-01-03	2020-05-06	12	95
2	1	2020-01-04	2020-05-07	12	80
3	3	2020-01-03	2020-05-04	12	87
4	2	2020-01-05	2020-05-07	12	65
5	4	2020-01-10	2020-05-15	12	75
4	3	2020-01-08	2020-05-10	10	70
5	2	2020-01-12	2020-05-15	12	85

7 rows selected.

--6

Table created.

```
Enter value for sroll: 1
old 8:      roll := '&sroll';
new 8:      roll := '1';
Enter value for course_id: 1
old 9:      cid := '&course_id';
new 9:      cid := '1';
attendance 95
marks allotted 5
```

PL/SQL procedure successfully completed.

SROLL	COURSE_ID	MARKS
1	1	5