

1. Display inbound students taking module from Faculty of Science

```
SELECT INSTU_ID, INSTU_NAME
FROM INBOUND_STUDENT
WHERE INSTU_ID IN
(SELECT INSTU_ID
FROM ENROLL INNER JOIN MODULE
ON ENROLL.MODULE_CODE = MODULE.MODULE_CODE
WHERE FAC_CODE = 'FS')
ORDER BY INSTU_ID;
```

INSTU	INSTU_NAME
IS003	Alicia Tanxin
IS007	Gwen Stacy
IS010	Cindy Yehoo
IS011	Jason Borne
IS012	Lee Xiaoyun
IS014	Ned Stark
IS015	Peter Parker
IS017	Ren Minato
IS019	Thinaran Muttah

2. Display inbound student paying less than RM400 for administration fee via financial aid

```
SELECT INSTU_ID, INSTU_NAME, PAYMENT_METHOD, ADMIN_FEE
FROM INBOUND_STUDENT
INNER JOIN PAYMENT
ON INBOUND_STUDENT.PAYMENT_ID = PAYMENT.PAYMENT_ID
INNER JOIN FEE
ON PAYMENT.FEE_CODE = FEE.FEE_CODE
WHERE PAYMENT_METHOD = 'Financial Aid'
AND ADMIN_FEE <= 400;
```

INSTU	INSTU_NAME	FIN_ORG	ADMIN_FEE
IS011	Jason Borne	AFS Malaysia	400
IS012	Lee Xiaoyun	Petronas	400
IS013	Cinderalle Caine	Tenaga Nasional Berhad	400
IS014	Ned Stark	AFS Malaysia	400
IS015	Peter Parker	Sime Darby	400
IS017	Ren Minato	Tenaga Nasional Berhad	400
IS018	Wang Yixing	Petronas	400
IS020	Yasmin Yeo	Tenaga Nasional Berhad	400

3. **Display the coordinator's details which handle the outbound student.**

```
SELECT COOR_ID, COORD_NAME, OUTSTU_ID, OUTSTU_NAME,
OUTSTU_GENDER, OUTPROG_TYPE, OUTPROG_DURATION
FROM
UNI_COORD
INNER JOIN
OUTBOUND_PROGRAM
ON
UNI_COORD.UNI_ID = OUTBOUND_PROGRAM.UNI_ID
INNER JOIN
OUTBOUND_STUDENT
ON
OUTBOUND_PROGRAM.OUTPROG_ID = OUTBOUND_STUDENT.OUTPROG_ID
WHERE
COORD_NAME = 'Allen'
AND
OUTPROG_TYPE = 'short_term'
ORDER BY
COORD_NAME;
```

COORD_ID	COORD_NAME	OUTSTU_ID	OUTSTU_NAME	OUTSTU_GENDER	OUTPROG_TYPE	OUTPROG_DURATION
c001	Allen	OS004	Charles Goh	Male	short_term	3

4. **Update the amount of financial aid for specific financial organization.**

```
UPDATE UNIVERSITY
SET
UNI_NAME = 'Tsinghua University', UNI_IS_PARTNER = 'Yes', UNI_AGREEMENT =
'MoA'
WHERE
UNI_ID = 'U006';
```

Before execute:

	UNI_ID	UNI_NAME	UNI_IS_PARTNER	UNI_AGREEMENT	UNI_COUNTRY
1	U001	Swinburne University of Technology	Yes	MoA	Australia
2	U003	Ecole Polytechnique de Louvain (UCL)	Yes	MoA	Belgium
3	U004	ICHEC Brussels Management School	No	(null)	Belgium
4	U005	York University	Yes	MoA	Canada
5	U006	School of Law, City University of Hong Kong	No	(null)	China

After executed:

	UNI_ID	UNI_NAME	UNI_IS_PARTNER	UNI_AGREEMENT	UNI_COUNTRY
1	U001	Swinburne University of Technology	Yes	MoA	Australia
2	U003	Ecole Polytechnique de Louvain (UCL)	Yes	MoA	Belgium
3	U004	ICHEC Brussels Management School	No	(null)	Belgium
4	U005	York University	Yes	MoA	Canada
5	U006	Tsinghua University	Yes	MoA	China

- Display inbound students information and program based on each financial aid.

```
SELECT F.FIN_ORG, I.instu_id, i.instu_name, P.INPROG_TYPE FROM
financial_aid F
INNER JOIN inbound_student I
ON F.FIN_ORG = I.FIN_ORG
INNER JOIN Inbound_program P
ON I.INPROG_ID = p.inprog_id
WHERE I.FIN_ORG IS NOT NULL
ORDER BY f.fin_org, i.instu_id;
```

	FIN_ORG	INSTU_ID	INSTU_NAME	INPROG_TYPE
1	AFS Malaysia	IS011	Jason Borne	short_term
2	AFS Malaysia	IS014	Ned Stark	short_term
3	Petronas	IS005	Baskran Dass	long_term
4	Petronas	IS012	Lee Xiaoyun	short_term
5	Petronas	IS018	Wang Yixing	short_term
6	Shell	IS002	Bacon Bigg	long_term
7	Shell	IS004	Benjamin Ten	long_term
8	Shell	IS006	Cham-Xue Ern	long_term
9	Sime Darby	IS007	Gwen Stacy	long_term
10	Sime Darby	IS015	Peter Parker	short_term
11	Tenaga Nasional Berhad	IS001	Alex Merce	long_term
12	Tenaga Nasional Berhad	IS008	Huang Ruixing	long_term
13	Tenaga Nasional Berhad	IS010	Cindy Yehoo	long_term
14	Tenaga Nasional Berhad	IS013	Cinderalle Caine	short_term
15	Tenaga Nasional Berhad	IS017	Ren Minato	short_term
16	Tenaga Nasional Berhad	IS020	Yasmin Yeo	short_term

- Update staff information (email and phone number)

```
UPDATE STAFF
SET staff_email = 'ken888@gmail.com', staff_contact_number = '012-3456789'
```

where
staff_id = 'S009';

Before execution:

STAFF_ID	STAFF_NAME	STAFF_EMAIL	STAFF_CONTACT_NUMBER	STAFF_JOB
1 S001	Kyle	kyle@gmail.com	012-2795304	assistant registrar
2 S002	Oscar	oscar@gmail.com	012-2795305	assistant registrar
3 S003	Warren	warren@gmail.com	012-2795306	assistant registrar
4 S004	Leo	leo@gmail.com	012-2795307	assistant registrar
5 S005	Mary	mary@gmail.com	012-2795308	administrative assistant
6 S006	Lisa	lisa@gmail.com	012-2795309	administrative assistant
7 S007	Emily	emily@gmail.com	012-2795310	administrative assistant
8 S008	Cindy	cindy@gmail.com	012-2795311	administrative assistant
9 S009	Ken	ken@gmail.com	012-2795312	operational assistant

After execution:

STAFF_ID	STAFF_NAME	STAFF_EMAIL	STAFF_CONTACT_NUMBER	STAFF_JOB
1 S001	Kyle	kyle@gmail.com	012-2795304	assistant registrar
2 S002	Oscar	oscar@gmail.com	012-2795305	assistant registrar
3 S003	Warren	warren@gmail.com	012-2795306	assistant registrar
4 S004	Leo	leo@gmail.com	012-2795307	assistant registrar
5 S005	Mary	mary@gmail.com	012-2795308	administrative assistant
6 S006	Lisa	lisa@gmail.com	012-2795309	administrative assistant
7 S007	Emily	emily@gmail.com	012-2795310	administrative assistant
8 S008	Cindy	cindy@gmail.com	012-2795311	administrative assistant
9 S009	Ken	ken888@gmail.com	012-3456789	operational assistant

7. Display the student id and student name who get A in Basic Accounting.

```
SELECT INSTU_ID,INSTU_NAME
FROM INBOUND_STUDENT
WHERE INSTU_ID IN
(SELECT INSTU_ID
FROM ENROLL
WHERE MODULE_CODE = 'FB001' AND ENROLL_GRADE = 'A')
ORDER BY INSTU_ID;
```

INSTU_ID	INSTU_NAME
1 IS006	Cham-Xue Ern
2 IS014	Ned Stark
3 IS020	Yasmin Yeo

8. Insert new outbound program into OUTBOUND_PROGRAM table.

```
INSERT INTO OUTBOUND_PROGRAM (OUTPROG_ID, OUTPROG_TYPE,
OUTPROG_DURATION, OUTPROG_STARTDATE, UNI_ID)
VALUES ('OP031', 'short term', 6, '1/9/2021', 'U015');
```

Before execution:

	OUTPROG_ID	OUTPROG_TYPE	OUTPROG_DURATION	OUTPROG_STARTDATE	UNI_ID
1	OP001	long_term	6	11/08/2021	U001
2	OP002	short_term	3	11/08/2021	U001
3	OP003	long_term	6	15/08/2021	U002
4	OP004	short_term	3	15/08/2021	U002
5	OP005	long_term	6	11/08/2021	U003
6	OP006	short_term	3	11/08/2021	U003
7	OP007	long_term	6	13/08/2021	U004
8	OP008	short_term	3	13/08/2021	U004
9	OP009	long_term	6	15/08/2021	U005
10	OP010	short_term	3	15/08/2021	U005
11	OP011	long_term	6	15/08/2021	U006
12	OP012	short_term	3	15/08/2021	U006
13	OP013	long_term	6	13/08/2021	U007
14	OP014	short_term	3	13/08/2021	U007
15	OP015	long_term	6	11/08/2021	U008
16	OP016	short_term	3	11/08/2021	U008
17	OP017	long_term	6	13/08/2021	U009
18	OP018	short_term	3	13/08/2021	U009
19	OP019	long_term	6	15/08/2021	U010
20	OP020	short_term	3	15/08/2021	U010
21	OP021	long_term	6	15/08/2021	U011
22	OP022	short_term	3	15/08/2021	U011
23	OP023	long_term	6	13/08/2021	U012
24	OP024	short_term	3	13/08/2021	U012
25	OP025	long_term	6	11/08/2021	U013
26	OP026	short_term	3	11/08/2021	U013
27	OP027	long_term	6	11/08/2021	U014
28	OP028	short_term	3	11/08/2021	U014
29	OP029	long_term	6	13/08/2021	U015
30	OP030	short_term	3	13/08/2021	U015

After execution:

	OUTPROG_ID	OUTPROG_TYPE	OUTPROG_DURATION	OUTPROG_STARTDATE	UNI_ID
1	OP031	short_term	6	01/09/2021	U015
2	OP001	long_term	6	11/08/2021	U001
3	OP002	short_term	3	11/08/2021	U001
4	OP003	long_term	6	15/08/2021	U002
5	OP004	short_term	3	15/08/2021	U002
6	OP005	long_term	6	11/08/2021	U003
7	OP006	short_term	3	11/08/2021	U003
8	OP007	long_term	6	13/08/2021	U004
9	OP008	short_term	3	13/08/2021	U004
10	OP009	long_term	6	15/08/2021	U005
11	OP010	short_term	3	15/08/2021	U005
12	OP011	long_term	6	15/08/2021	U006
13	OP012	short_term	3	15/08/2021	U006
14	OP013	long_term	6	13/08/2021	U007
15	OP014	short_term	3	13/08/2021	U007
16	OP015	long_term	6	11/08/2021	U008
17	OP016	short_term	3	11/08/2021	U008
18	OP017	long_term	6	13/08/2021	U009
19	OP018	short_term	3	13/08/2021	U009
20	OP019	long_term	6	15/08/2021	U010
21	OP020	short_term	3	15/08/2021	U010
22	OP021	long_term	6	15/08/2021	U011
23	OP022	short_term	3	15/08/2021	U011
24	OP023	long_term	6	13/08/2021	U012
25	OP024	short_term	3	13/08/2021	U012
26	OP025	long_term	6	11/08/2021	U013
27	OP026	short_term	3	11/08/2021	U013
28	OP027	long_term	6	11/08/2021	U014
29	OP028	short_term	3	11/08/2021	U014
30	OP029	long_term	6	13/08/2021	U015
31	OP030	short_term	3	13/08/2021	U015