



Assignment # 1st & 2nd

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Department	CS
Class	BSCS-EVE

A.

```
CREATE TABLE Customer(  
  cust_no number(10),  
  cust_name varchar2(10),  
  cass_no number(10),  
  CONSTRAINT emp_cust_no PRIMARY KEY (CUST_NO));
```

```
CREATE TABLE Membership(  
  mem_no number(10),  
  cust_no number(10),  
  CONSTRAINT emp_mem_no PRIMARY KEY (mem_no),  
  CONSTRAINT for_cust_no FOREIGN KEY (cust_no) REFERENCES  
  Customer(cust_no));
```

```
CREATE TABLE Cassette(  
  cass_no number(10),  
  cass_name varchar2(10),  
  language varchar2(10),  
  CONSTRAINT emp_cass_no PRIMARY KEY (cass-no));
```

```
CREATE TABLE Iss_rec(  
  iss_no number(10),  
  iss_date date(),  
  mem_no number(10),  
  cass_no number(10),  
  CONSTRAINT emp_iss_no PRIMARY KEY (iss_no),  
  CONSTRAINT emp_mem_no FOREIGN KEY (mem_no) REFERENCES  
  Membership(mem_no),  
  CONSTRAINT emp_cass_no FOREIGN KEY (cass_no) REFERENCES  
  Cassette(cass_no));
```

B.

```
RENAME Membership TO Members_record;
```

C.

```
INSERT INTO CUSTOMER VALUES (39, 'Ali', 201);  
INSERT INTO CUSTOMER VALUES (34, 'Hamza', 202);  
INSERT INTO CUSTOMER VALUES (18, 'Hina', 203);  
INSERT INTO CUSTOMER VALUES (8, 'Hijab', 204);  
INSERT INTO CUSTOMER VALUES (24, 'Asma', 205);  
INSERT INTO CUSTOMER VALUES (10, 'Faiza', 206);  
INSERT INTO CUSTOMER VALUES (20, 'Hassan', 207);  
INSERT INTO CUSTOMER VALUES (40, 'Adeel', 208);  
INSERT INTO CUSTOMER VALUES (50, 'Adeeba', 209);  
INSERT INTO CUSTOMER VALUES (60, 'Hadia', 210);
```

```

INSERT INTO Membership VALUES (39, 101);
INSERT INTO Membership VALUES (34, 111);
INSERT INTO Membership VALUES (18, 112);
INSERT INTO Membership VALUES (8, 113);
INSERT INTO Membership VALUES (24, 114);
INSERT INTO Membership VALUES (10, 115);
INSERT INTO Membership VALUES (20, 116);
INSERT INTO Membership VALUES (40, 117);
INSERT INTO Membership VALUES (50, 118);
INSERT INTO Membership VALUES (60, 119);

```

```

INSERT INTO Cassette VALUES (201, 'The lion of king', 'English');
INSERT INTO Cassette VALUES (202, 'Lord of Rings', 'English');
INSERT INTO Cassette VALUES (203, 'Walk to remember', 'Persian');
INSERT INTO Cassette VALUES (204, 'The Legend', 'Persian');
INSERT INTO Cassette VALUES (205, 'The Prince', 'German');
INSERT INTO Cassette VALUES (206, 'The Town', 'German');
INSERT INTO Cassette VALUES (210, 'The Home', 'Chinese');

```

```

INSERT INTO lss_rec VALUES (201, 101, 301, '07-Jan-2013');
INSERT INTO lss_rec VALUES (202, 111, 302, '07-Jan-2013');
INSERT INTO lss_rec VALUES (203, 112, 303, '10-Jan-2013');
INSERT INTO lss_rec VALUES (204, 113, 304, '10-Jan-2013');
INSERT INTO lss_rec VALUES (205, 114, 305, '10-Jan-2013');
INSERT INTO lss_rec VALUES (206, 115, 306, '07-Jan-2013');
INSERT INTO lss_rec VALUES (201, 116, 307, '01-Jan-2013');
INSERT INTO lss_rec VALUES (202, 117, 308, '01-Jan-2013');
INSERT INTO lss_rec VALUES (203, 118, 309, '07-Jan-2013');
INSERT INTO lss_rec VALUES (210, 119, 310, '07-Jan-2013');

```

D.

```

UPDATE CUSTOMER SET cust_name = 'Fahad' WHERE cust_no = 40;

```

E.

```

SELECT cust_no, cust_name FROM CUSTOMER WHERE cust_no > 8;

```

F.

```

SELECT cust_name FROM CUSTOMER WHERE cust_name LIKE '_a%';

```

G.

```

SELECT INITCAP (cust_name) AS customer_name, LENGTH(cust_name)
"Length" FROM CUSTOMER ORDER BY cust_name;

```

H.

```
SELECT cust_name||', '||cust_no "Customer_Details" FROM CUSTOMER;
```

I.

```
SELECT cass_name FROM Cassette WHERE language = 'English';
```

END

Given tables:

Cust no	Cust name	Cass no
39	ALI	201
34	HAMZA	202
18	HINA	203
8	HIJAB	204
24	ASMA	205
10	FAIZA	206
20	HASSAN	201
40	ADEEL	202
50	ADEEBA	203
60	HADIA	210

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Cust no	Mem no
39	101
34	111
18	112
8	113
24	114
10	115
20	116
40	117
50	118
60	119

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Cass no	Cass name	Language
201	The lion of king	English
202	Lord of rings	English
203	Walk to remember	Persian
204	The Legend	Persian
205	The Prince	German
206	The Town	German
210	The Home	Chinese

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Cass no	Mem no	Iss no	Iss Date
201	101	301	07-Jan-13
202	111	302	07-Jan-13
203	112	303	10-Jan-13
204	113	304	10-Jan-13
205	114	305	10-Jan-13
206	115	306	07-Jan-13
201	116	307	01-Jan-13
202	117	308	01-Jan-13
203	118	309	07-Jun-13
210	119	310	07-Jun-13

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