```sql
CREATE TABLE Customers_Project (
    customer_id NUMBER PRIMARY KEY,
    customer_name VARCHAR2(100),
    email VARCHAR2(255),
    phone_number VARCHAR2(20)
);


INSERT INTO CUSTOMERS_PROJECT VALUES (1, 'Fares', 'fares@gmail.com', 0);
INSERT INTO CUSTOMERS_PROJECT VALUES (2, 'George', 'george@gmail.com', 1);
INSERT INTO CUSTOMERS_PROJECT VALUES (3, 'Selim', 'selim@gmail.com', 2);
INSERT INTO CUSTOMERS_PROJECT VALUES (4, 'LOL', 'lol@gmail.com', 9);


CREATE TABLE Employees_Project (
    employee_id  NUMBER PRIMARY KEY,
    employee_name VARCHAR2(100),
    email VARCHAR2(255),
    phone_number VARCHAR2(20),
    salary NUMBER,
    Pass VARCHAR2(100)
);


INSERT INTO EMPLOYEES_PROJECT VALUES (1, 'Man', 1, 1, 5000, 1);
INSERT INTO EMPLOYEES_PROJECT VALUES (4, 'Hamada', 4, 4, 15000, 4);
INSERT INTO EMPLOYEES_PROJECT VALUES (2, 'LOLMAN', 2, 2, 6000, 2);
INSERT INTO EMPLOYEES_PROJECT VALUES (3, 'LOL', 3, 3, 10000, 3);
```

```sql
CREATE TABLE Rooms_Project (

    room_id  NUMBER PRIMARY KEY,

    room_state VARCHAR2(100) DEFAULT 'YES',

    room_type VARCHAR2(255)

);


INSERT INTO ROOMS_PROJECT VALUES (1, 'YES', 'Single');

INSERT INTO ROOMS_PROJECT VALUES (2, 'YES', 'Double');

INSERT INTO ROOMS_PROJECT VALUES (3, 'YES', 'Double');

INSERT INTO ROOMS_PROJECT VALUES (4, 'NO', 'Suite');

INSERT INTO ROOMS_PROJECT VALUES (5, 'YES', 'Triple');

INSERT INTO ROOMS_PROJECT VALUES (6, 'NO', 'Suite');

INSERT INTO ROOMS_PROJECT VALUES (7, 'NO', 'Triple');

INSERT INTO ROOMS_PROJECT VALUES (8, 'NO', 'Single');

INSERT INTO ROOMS_PROJECT VALUES (9, 'NO', 'Double');


CREATE TABLE CostPerNight_Project (

    room_type VARCHAR2(10) PRIMARY KEY,

    room_cost NUMBER

);


INSERT INTO COSTPERNIGHT_PROJECT VALUES ('Single', 1000);

INSERT INTO COSTPERNIGHT_PROJECT VALUES ('Double', 1800);

INSERT INTO COSTPERNIGHT_PROJECT VALUES ('Triple', 2299);

INSERT INTO COSTPERNIGHT_PROJECT VALUES ('Suite', 4999);
```

```sql
CREATE TABLE Reservations_Project (
    reservation_id  NUMBER PRIMARY KEY,
    room_id NUMBER,
    employee_id NUMBER,
    customer_id NUMBER,
    reservation_cost NUMBER,
    START_DATE VARCHAR2(9 BYTE),
    END_DATE VARCHAR2(9 BYTE),
    FOREIGN KEY (room_id) REFERENCES Rooms_Project(room_id),
    FOREIGN KEY (employee_id) REFERENCES Employees_Project(employee_id),
    FOREIGN KEY (customer_id) REFERENCES Customers_Project(customer_id)
);


INSERT INTO RESERVATIONS_PROJECT VALUES (1, 4, 3, 1, 19996, '10-MAY-24', '14-MAY-24');
INSERT INTO RESERVATIONS_PROJECT VALUES (2, 6, 4, 2, 9998, '10-MAY-24', '12-MAY-24');
INSERT INTO RESERVATIONS_PROJECT VALUES (3, 7, 4, 2, 2299, '10-MAY-24', '11-MAY-24');
INSERT INTO RESERVATIONS_PROJECT VALUES (4, 8, 4, 2, 1000, '11-MAY-24', '12-MAY-24');
INSERT INTO RESERVATIONS_PROJECT VALUES (5, 9, 4, 3, 1800, '11-MAY-24', '12-MAY-24');


create or replace procedure GetMaxID (MaxID out Number)
As
 begin
  select MAX(CUSTOMER_ID) into MaxID  from CUSTOMERS_PROJECT;
 end;


create or replace procedure GetMaxIDRES (MaxID out Number)
As
 begin
  select MAX(RESERVATION_ID) into MaxID  from RESERVATIONS_PROJECT;
 end;
```

```sql
CREATE OR REPLACE PROCEDURE GetCustomer (

    custid OUT NUMBER,

    custname IN OUT VARCHAR2,

    custemail OUT VARCHAR2,

    custnumber IN OUT VARCHAR2

)
AS
BEGIN

    SELECT CUSTOMER_ID, EMAIL

    INTO custid, custemail

    FROM customers_project

    WHERE CUSTOMER_NAME = custname AND PHONE_NUMBER = custnumber;
END;
```

```
create or replace PROCEDURE GetCustRes(

    custid IN NUMBER,

    resid OUT SYS_REFCURSOR

)

AS

BEGIN

    OPEN resid FOR

    SELECT

        r.RESERVATION_ID,

        r.ROOM_ID,

        room.ROOM_TYPE,

        emp.EMPLOYEE_NAME,

        r.RESERVATION_COST,

        r.START_DATE,

        r.END_DATE

    FROM

        RESERVATIONS_PROJECT r

        JOIN ROOMS_PROJECT room ON room.room_id = r.room_id

        JOIN EMPLOYEES_PROJECT emp ON emp.employee_id = r.employee_id

    WHERE

        r.CUSTOMER_ID = custid;

END;
```