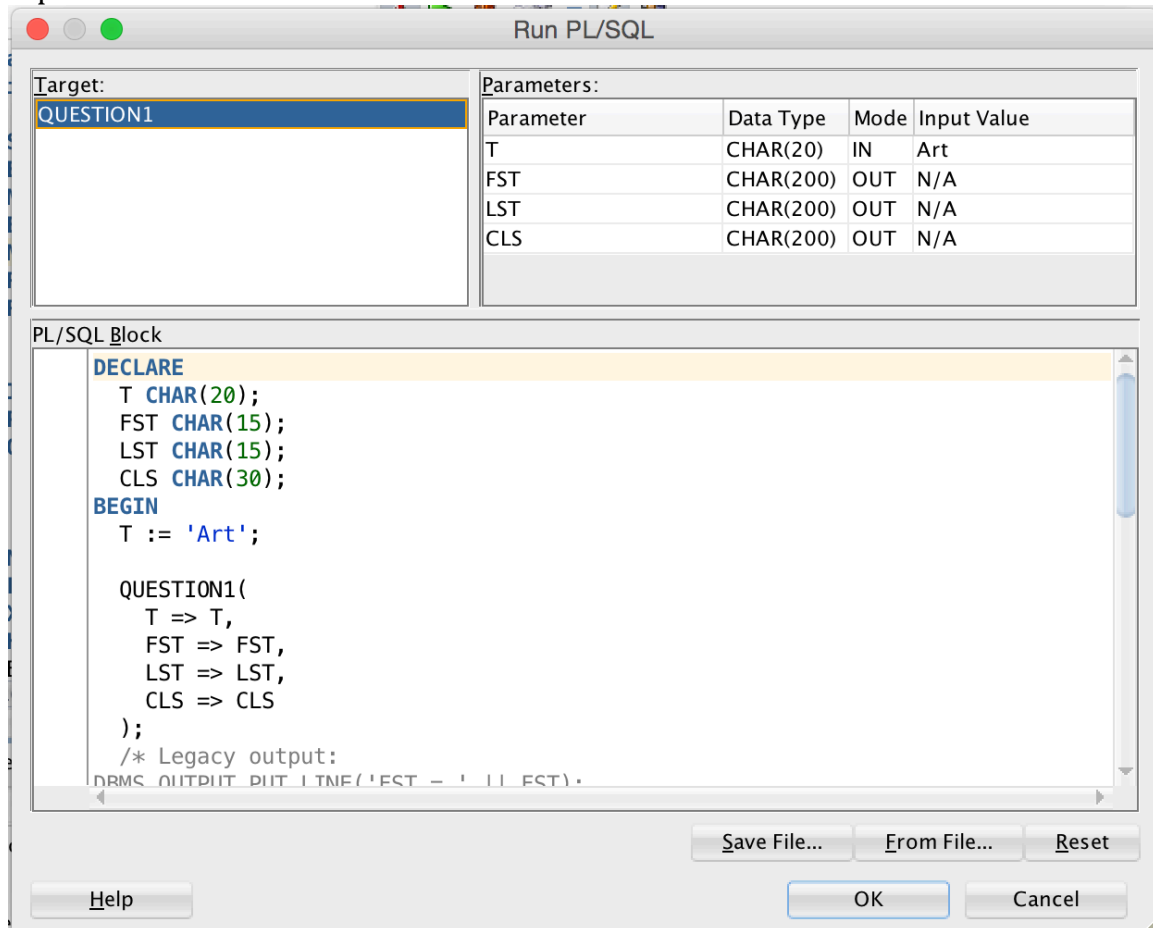


Xiaocheng Hou, A20309864

Question1:

Inputs:



Outputs:

Connecting to the database Spring15.

The title in this type is Photography

The teacher is Annie

Heard

The title in this type is Oil painting

The teacher is James

Robertson

Process exited.

Disconnecting from the database Spring15.

Messages

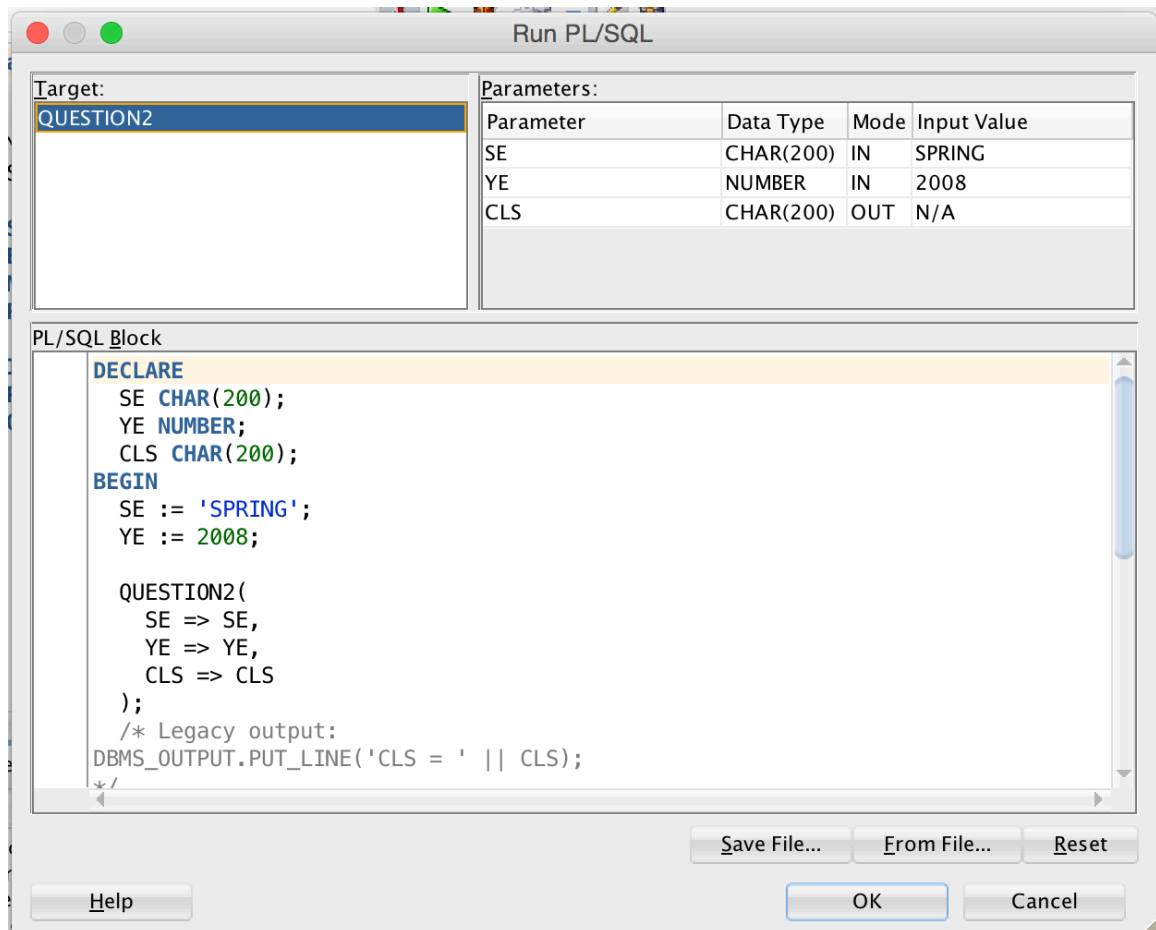
Running: IdeConnections%23Spring15.jpr

Output Variables

QUESTION2:

Inputs:

Input both season and year



### Outputs:

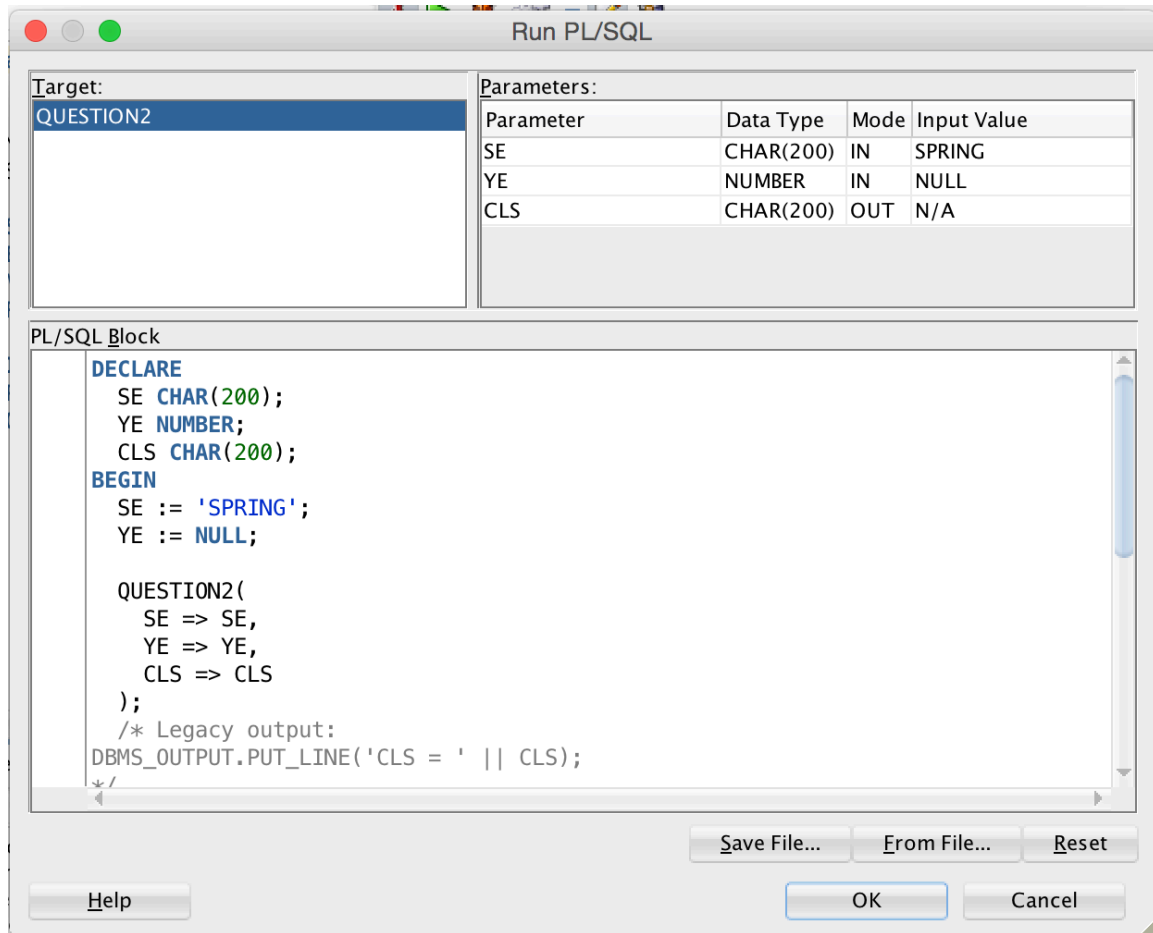
Connecting to the database Spring15.  
Class given in this season and year is Yoga (Adv.)  
Process exited.  
Disconnecting from the database Spring15.

Messages

Running: IdeConnections%23Spring15.jpr

Output Variables

Input only season:



outputs:

```

Connecting to the database Spring15.
Class given in this season is Needle points
Class given in this season is Woodworking
Class given in this season is Oil painting
Class given in this season is Yoga (Adv.)
Class given in this season is Chinese (Intro.)
Process exited.
Disconnecting from the database Spring15.

```

Messages    ▶ Running: IdeConnections%23Spring15.jpr    ▶ Output Variables

input only year



Run PL/SQL

Target:	Parameters:																
QUESTION3	<table border="1"> <thead> <tr> <th>Parameter</th> <th>Data Type</th> <th>Mode</th> <th>Input Value</th> </tr> </thead> <tbody> <tr> <td>TY</td> <td>CHAR(200)</td> <td>IN</td> <td>Craft</td> </tr> <tr> <td>CO</td> <td>NUMBER</td> <td>OUT</td> <td>N/A</td> </tr> <tr> <td>RET</td> <td>NUMBER</td> <td>OUT</td> <td>N/A</td> </tr> </tbody> </table>	Parameter	Data Type	Mode	Input Value	TY	CHAR(200)	IN	Craft	CO	NUMBER	OUT	N/A	RET	NUMBER	OUT	N/A
Parameter	Data Type	Mode	Input Value														
TY	CHAR(200)	IN	Craft														
CO	NUMBER	OUT	N/A														
RET	NUMBER	OUT	N/A														

PL/SQL Block

```

DECLARE
  TY CHAR(200);
  CO NUMBER;
  RET NUMBER;
BEGIN
  TY := 'Craft';

  QUESTION3(
    TY => TY,
    CO => CO,
    RET => RET
  );
  /* Legacy output:
  DBMS_OUTPUT.PUT_LINE('CO = ' || CO);
  */
  CO := CO;

```

Save File... From File... Reset

Help OK Cancel

### Outputs:

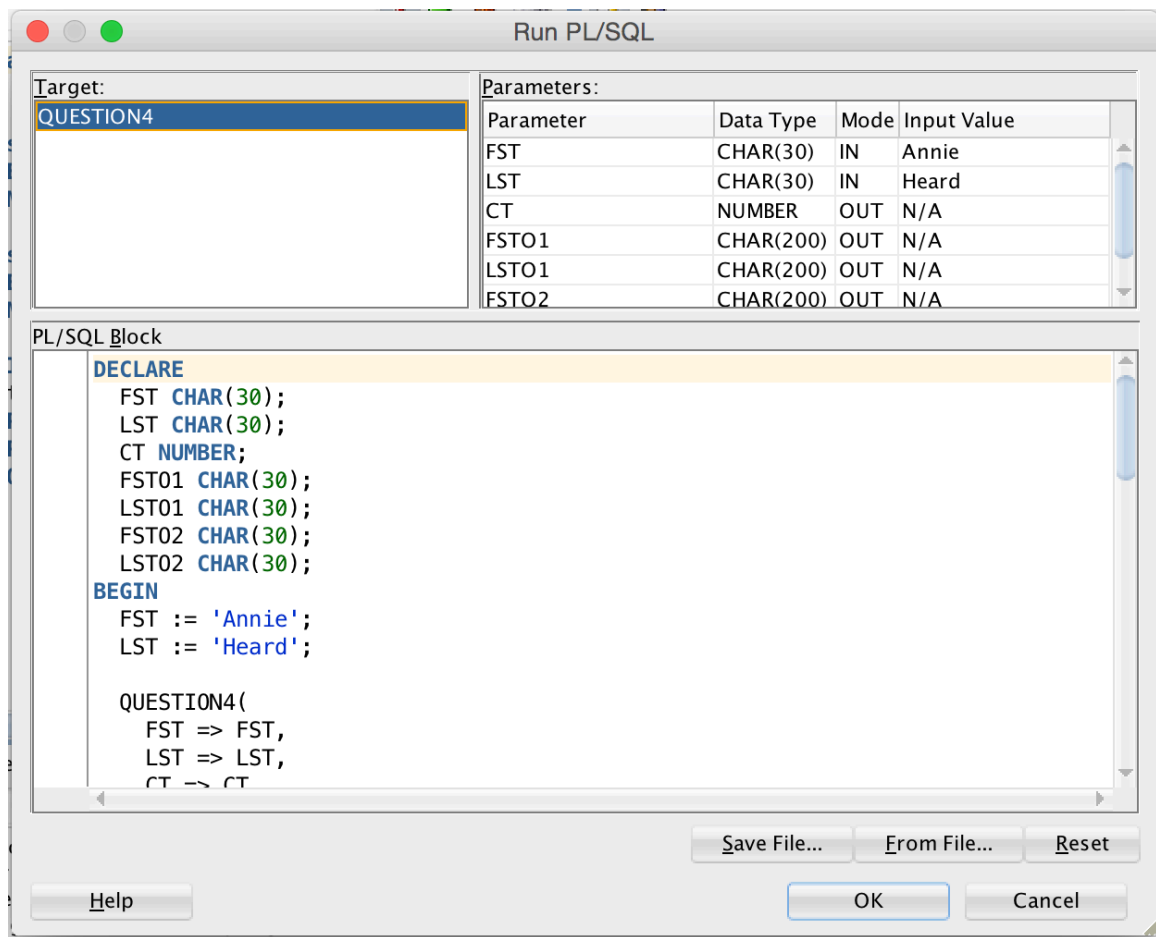
Connecting to the database Spring15.  
 131  
 Process exited.  
 Disconnecting from the database Spring15.

Messages Running: IdeConnections%23Spring15.jpr Output Variables

QUESTION4:

Inputs:

An instructor:



### Outputs:

Connecting to the database Spring15.  
He is an instructor!  
Process exited.  
Disconnecting from the database Spring15.

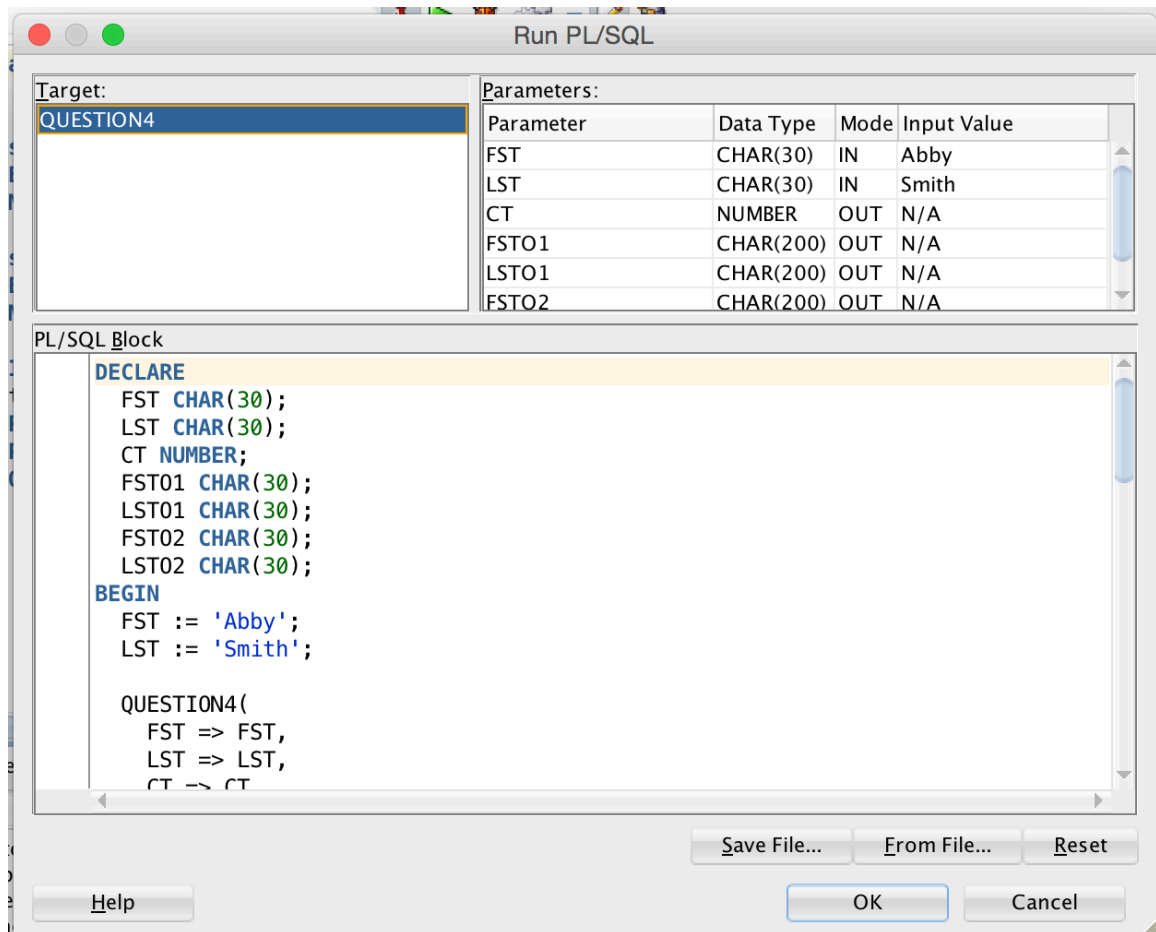
Messages

Running: IdeConnections%23Spring15.jpr

Output Variables

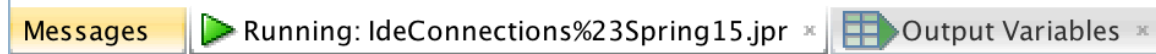
### Inputs:

A member not an instructor:



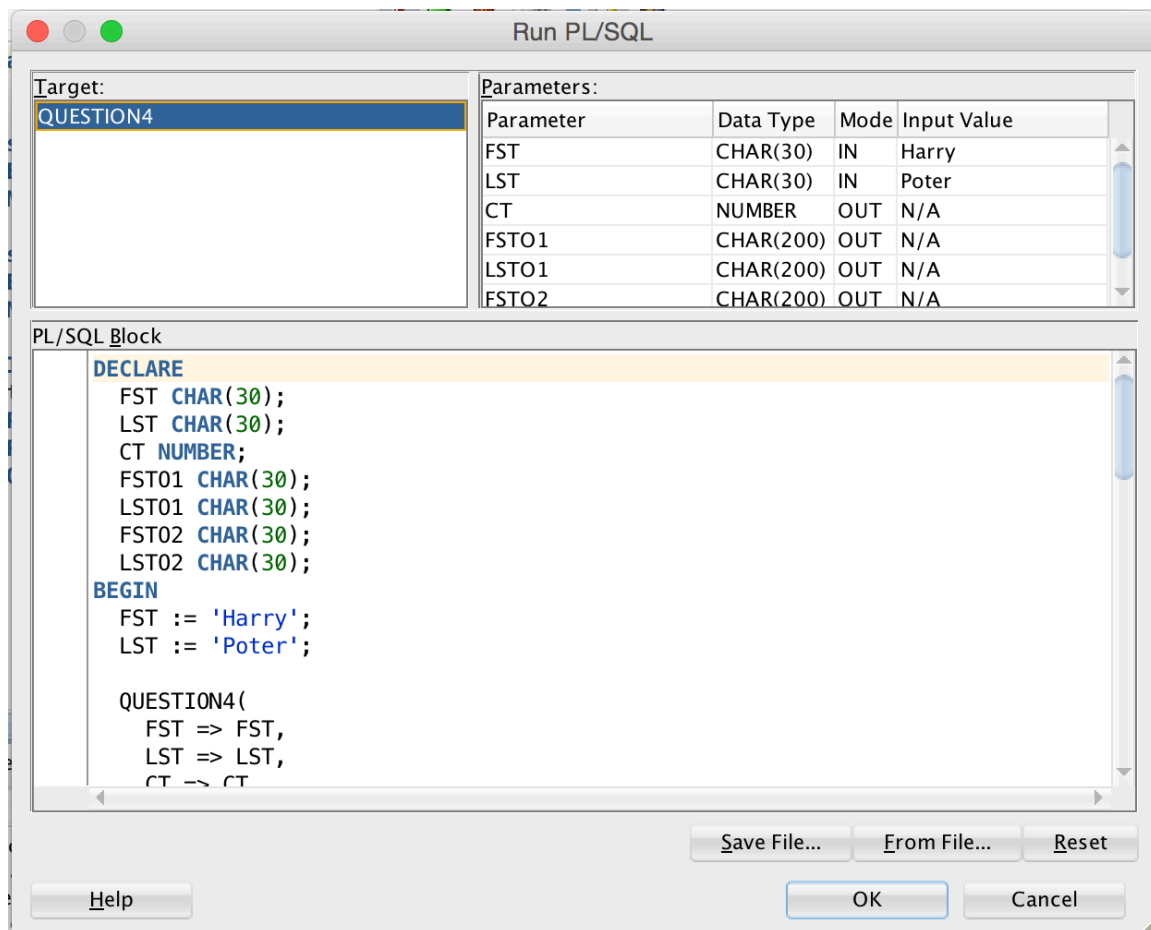
### Outputs:

Connecting to the database Spring15.  
He is a member of center!  
Process exited.  
Disconnecting from the database Spring15.



### Inputs:

Not in database:



### Outputs:

Connecting to the database Spring15.  
 He is not in database!  
 Process exited.  
 Disconnecting from the database Spring15.

Messages

Running: IdeConnections%23Spring15.jpr

Output Variables

### QUESTION5:

#### INPUT AND OUTPUT:

Input id number and found:



---

```
1.Input member ID
2.Input first name and last name
1
please input the member's ID:
12
563 Harvard Ave Lisle IL 630-555-9321
```

Input id number but without address and phone, then insert:

---

```
1.Input member ID
2.Input first name and last name
1
please input the member's ID:
16
The contact information is not exist in database
Please insert the contact information
address:
3333 Great Ave. Chicago IL
phone(xxx-xxx-xxxx):
312-223-3322
The information has been inserted!
```

input first and last name and found:

---

```
1.Input member ID
2.Input first name and last name
2
please input the First name:
Abby
please input the Last name:
Smith
23 Beacon St. Hillside IL 708-555-9384
```

input first and last name but no in database:

---

```
1.Input member ID
2.Input first name and last name
2
please input the First name:
Harry
please input the Last name:
Poter
The data is not in database
```

### QUESTION 6:

Give 20% off to the members who are between 30 to 40 years old.

Please input a minimum age you want to give discount.

30

Please input a maximum age you want to give discount(input 0 if you don't want to set the maximum age)

40

Please input a discount (0-100% off) for this group.

20

The total reducing of revenue is \$25.2.

### QUESTION 7:

After run the java program:

ID	F_NAME	L_NAME	MEMBER_ID	LASTCLASSTAUGHT
1	1 Annie	Heard	(null)	Chinese (Intro.)
2	2 Monica	Knapp	18	Needle points
3	3 James	Robertson	(null)	Oil painting
4	4 April	O'Shea	2	Woodworking
5	5 Harry	Tang	9	(null)