

Lab 2

[Copy all your mysql commands to your text file and use “select * from table_name;” to check the data of each table and copy the output of your select command to the same text file]

1. Populate the tables in the BankAccount database with the following data:

Customer

| cust_id | fname | lname |
|---------|--------|-------|
| 1 | George | Blake |
| 2 | Sue | Smith |

Account

| account_id | product_cd | cust_id | balance |
|------------|------------|---------|----------|
| 103 | CHK | 1 | \$75.00 |
| 104 | SAV | 1 | \$250.00 |
| 105 | CHK | 2 | \$783.64 |
| 106 | MM | 2 | \$500.00 |
| 107 | LOC | 2 | \$0 |

Product

| product_cd | name |
|------------|----------------|
| CHK | Checking |
| SAV | Savings |
| MM | Money market |
| LOC | Line of Credit |

Transaction

| txn_id | txn_type_cd | account_id | amount | date |
|--------|-------------|------------|----------|------------|
| 978 | DBT | 103 | \$100.00 | 2004-01-22 |
| 979 | CDT | 103 | \$25.00 | 2004-02-05 |
| 980 | DBT | 104 | \$250.00 | 2004-03-09 |

| | | | | |
|-----|-----|-----|-----------|------------|
| 981 | DBT | 105 | \$1000.00 | 2004-03-25 |
| 982 | CDT | 105 | \$138.50 | 2004-04-02 |
| 983 | CDT | 105 | \$77.86 | 2004-04-04 |
| 984 | DBT | 106 | \$500.00 | 2004-03-27 |

Mail

| sentDateTime | srcuser | srchost | dstuser | dsthost | size |
|------------------------|---------|---------|---------|---------|---------|
| 2006-05-11 10:15:08 | barb | saturn | tricia | mars | 58274 |
| 2006-05-12 12:48:13 | tricia | mars | gene | venus | 194925 |
| 2006-05-12 15:02:49 | phil | mars | phil | saturn | 1048 |
| 2006-05-13 13:59:18 | barb | saturn | tricia | venus | 271 |
| 2006-05-14 09:31:37 | gene | venus | barb | mars | 2291 |
| 2006-05-14 11:52:17 | phil | mars | tricia | saturn | 5781 |
| 2006-05-14 14:42:21 | barb | venus | barb | venus | 98151 |
| 2006-05-14 17:03:01 | tricia | saturn | phil | venus | 2394482 |
| 2006-05-15 07:17:48 | gene | mars | gene | saturn | 3824 |
| 2006-05-15 08:50:57 | phil | venus | phil | venus | 978 |
| 2006-05-15 10:25:52 | gene | mars | tricia | saturn | 998532 |
| 2006-05-15 17:35:31 | gene | saturn | gene | mars | 3856 |
| 2006-05-16 09:00:28 | gene | venus | barb | mars | 613 |
| 2006-05-16 23:04:19 | phil | venus | barb | venus | 10294 |
| 2006-05-17 12:49:23 | phil | mars | tricia | saturn | 873 |

| | | | | | |
|------------------------|------|--------|------|-------|-------|
| 2006-05-19 22:21:51 | gene | saturn | gene | venus | 23992 |
|------------------------|------|--------|------|-------|-------|

2. Populate the tables in the StayHome database with the data sheet uploaded on the blackboard.

3. Populate the tables in the hotelBooking database with the following data:

Hotel

| hotelNo | hotelName | city |
|---------|---------------|------------|
| H001 | Meteor Garden | Washington |
| H002 | Hilton | Texas |
| H003 | Grosvenor | Boston |
| H004 | Imperial | New York |

Room

| roomNo | hotelNo | type | price |
|--------|---------|--------|-------|
| R001 | H001 | single | 30 |
| R104 | H002 | double | 90 |
| R210 | H003 | family | 200 |
| R907 | H004 | family | 200 |
| R101 | H001 | double | 25 |
| R110 | H003 | double | 35 |
| R302 | H001 | family | 40 |
| R101 | H002 | single | 57 |
| R302 | H002 | family | 150 |

Booking

| hotelNo | guestNo | dateFrom | dateTo | roomNo |
|---------|---------|------------|------------|--------|
| H001 | G001 | 2012-08-02 | | R001 |
| H002 | G002 | 2013-01-01 | 2013-01-03 | R104 |
| H003 | G001 | 2013-07-15 | | R210 |
| H004 | G003 | 2012-12-31 | 2013-01-14 | R907 |
| H002 | ' ' | ' ' | | R110 |

| | | | | |
|------|-----|-----|--|------|
| H002 | ' ' | ' ' | | R302 |
|------|-----|-----|--|------|

Guest

| guestNo | guestName | guestAddress |
|---------|-----------|-----------------|
| G001 | Mary | Cork, Ireland |
| G002 | Tom | NY, USA |
| G003 | John | Dublin, Ireland |
| G004 | Sephenie | Paris, France |
| ' ' | ' ' | ' ' |

4. Populate the tables in the classSchedule database with the following data:

Student

| student_id | student_name |
|------------|--------------|
| 38214 | Letersky |
| 54907 | Altvater |
| 66324 | Aiken |
| 70542 | Marra |

Faculty

| faculty_id | faculty_name |
|------------|--------------|
| 2143 | Birkin |
| 3467 | Berndt |
| 4756 | Collins |

Course

| course_id | course_name |
|-----------|---------------|
| ISM 3113 | Syst Analysis |
| ISM 3112 | Syst Design |
| ISM 4212 | Database |
| ISM 4930 | Networking |

Qualified

| faculty_id | course_id | data_qualified |
|------------|-----------|----------------|
| 2143 | ISM 3112 | 1988-09-01 |
| 2143 | ISM 3113 | 1988-09-01 |
| 3467 | ISM 4212 | 1995-09-01 |
| 3467 | ISM 4930 | 1996-09-01 |
| 4756 | ISM 3113 | 1991-09-01 |
| 4756 | ISM 3112 | 1991-09-01 |

Section

| section_no | semester | course_id |
|------------|----------|-----------|
| 2712 | I-2008 | ISM 3113 |
| 2713 | I-2009 | ISM 3113 |
| 2714 | I-2008 | ISM 4212 |
| 2715 | I-2010 | ISM 4930 |

Registration

| student_id | section_no | semester |
|------------|------------|----------|
| 38214 | 2714 | I-2008 |
| 54907 | 2714 | I-2009 |
| 54907 | 2715 | I-2010 |
| 66324 | 2713 | I-2008 |

5. Populate the tables in the adultLiteracy database with the following data:

Tutor

| tutor_id | cert_date | status |
|----------|------------|-----------|
| 100 | 2008-05-01 | Active |
| 101 | 2008-05-01 | Temp Stop |
| 102 | 2008-05-01 | Dropped |
| 103 | 2008-05-22 | Active |
| 104 | 2008-05-22 | Active |
| 105 | 2008-05-22 | Temp Stop |

| | | |
|-----|------------|--------|
| 106 | 2008-05-22 | Active |
|-----|------------|--------|

Student

| student_id | read |
|------------|------|
| 3000 | 2.3 |
| 3001 | 5.6 |
| 3002 | 1.3 |
| 3003 | 3.3 |
| 3004 | 2.7 |
| 3005 | 4.8 |
| 3006 | 7.8 |
| 3007 | 1.5 |

Match_History

| match_id | tutor_id | student_id | start_date | end_date |
|----------|----------|------------|------------|------------|
| 1 | 100 | 3000 | 2008-10-01 | |
| 2 | 101 | 3001 | 2008-01-15 | 2008-05-15 |
| 3 | 102 | 3002 | 2008-02-10 | 2008-03-01 |
| 4 | 106 | 3003 | 2008-05-28 | |
| 5 | 103 | 3004 | 2008-06-01 | 2008-06-15 |
| 6 | 104 | 3005 | 2008-06-01 | 2008-06-28 |
| 7 | 104 | 3006 | 2008-06-01 | |