**Exercise 02\_07\_01 – Step 1**

XAMPP Console

# mysql -h localhost -u root -p

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MySQL Monitor

> CREATE DATABASE sitevisitors;

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MySQL Monitor

> USE sitevisitors;

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MySQL Monitor

> SELECT DATABASE();

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MySQL Monitor

> SHOW DATABASES;

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MySQL Monitor

> DROP DATABASE sitevisitors;

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MySQL Monitor

> SHOW DATABASES;

**Exercise 02\_07\_01 – Step 2**

XAMPP Console

# mysql -h localhost -u root -p

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MySQL Monitor

> CREATE DATABASE sitevisitors;

> USE sitevisitors;

> SHOW DATABASES;

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MySQL Monitor

> CREATE TABLE pagevisits (page\_filename VARCHAR(250),

visit\_date DATE,

-> visit\_time TIME, previous\_page VARCHAR(250),

-> request\_method VARCHAR(10), remote\_host VARCHAR(250),   
 remote\_port INT);

------------------------------------

MySQL Monitor

> DESCRIBE pagevisits;

**Exercise 02\_07\_01 – Step 3**

XAMPP Console

# mysql -h localhost -u root -p

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MySQL Monitor

> USE sitevisitors;

------------------------------------

MySQL Monitor

> INSERT INTO pagevisits

-> (page\_filename, visit\_date, visit\_time, previous\_page,

-> request\_method, remote\_host, remote\_port)

-> VALUES('contact.php', '2012-03-17', '10:32:29',   
 'index.php',

-> 'GET', 'cis\_lab\_24.example.edu', 80);

------------------------------------

MySQL Monitor

> INSERT INTO pagevisits

-> (page\_filename, visit\_date, visit\_time, previous\_page,

-> request\_method, remote\_host, remote\_port)

-> VALUES(guest\_book.php', '2012-03-17', '10:35:18',   
 ‘contact.php',

-> 'GET', 'cis\_lab\_24.example.edu', 80);

**Exercise 02\_07\_01 – Step 4**

XAMPP Console

# mysql -h localhost -u root -p

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MySQL Monitor

> USE sitevisitors;

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MySQL Monitor

> LOAD DATA INFILE 'page\_visits.txt'

-> INTO TABLE pagevisits

-> FIELDS TERMINATED BY ',';

**Exercise 02\_07\_01 – Step 5**

XAMPP Console

# mysql -h localhost -u root -p

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MySQL Monitor

> USE sitevisitors;

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MySQL Monitor

> SELECT \* FROM pagevisits;

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MySQL Monitor

> SELECT visit\_date, previous\_page, page\_filename FROM   
 pagevisits;

**Exercise 02\_07\_01 – Step 6**

XAMPP Console

# mysql -h localhost -u root -p

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MySQL Monitor

> USE sitevisitors;

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MySQL Monitor

> SELECT remote\_host, COUNT(\*)

-> FROM pagevisits

-> GROUP BY remote\_host;

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MySQL Monitor

> SELECT remote\_host, COUNT(DISTINCT page\_filename)  
 -> FROM pagevisits  
 -> GROUP BY remote\_host;

**Exercise 02\_07\_01 – Step 7**

XAMPP Console

# mysql -h localhost -u root -p

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MySQL Monitor

> USE sitevisitors;

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MySQL Monitor

> SELECT visit\_date, previous\_page, page\_filename

-> FROM pagevisits

-> ORDER BY previous\_page, page\_filename;

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MySQL Monitor

> SELECT visit\_date, previous\_page, page\_filename

-> FROM pagevisits

-> ORDER BY visit\_date DESC;

**Exercise 02\_07\_01 – Step 8**

XAMPP Console

# mysql -h localhost -u root -p

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MySQL Monitor

> USE sitevisitors;

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MySQL Monitor

> SELECT \* FROM pagevisits

-> WHERE previous\_page=’index.php’;

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MySQL Monitor

> SELECT \* FROM pagevisits

-> WHERE remote\_port>8-;

**Exercise 02\_07\_01 – Step 9**

XAMPP Console

# mysql -h localhost -u root -p

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MySQL Monitor

> USE sitevisitors;

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MySQL Monitor

> UPDATE pagevisits  
 -> SET previous\_page=’contact\_us.php’  
 -> WHERE previous\_page=’contact.php’;

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MySQL Monitor

> UPDATE pagevisits  
 -> SET page\_filename=’contact\_us.php’  
 -> WHERE page\_filename =’contact.php’;

------------------------------------

MySQL Monitor

> SELECT \* FROM pagevisits

**Exercise 02\_07\_01 – Step 10**

XAMPP Console

# mysql -h localhost -u root -p

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MySQL Monitor

> USE sitevisitors;

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MySQL Monitor

> DELETE FROM pagevisits  
 -> WHERE visit\_date=’2012-03-17’  
 -> AND visit\_time=’10:32:29’;

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MySQL Monitor

> DELETE FROM pagevisits  
 -> WHERE visit\_date=’2012-03-17’  
 -> AND visit\_time=’10:35:18’;

------------------------------------

MySQL Monitor

> SELECT \* FROM pagevisits