
COMP 353 / Fall 2024 Section F -- Group Name: COMP 353_group_17 Info

From Wojciech Galuszka <wojciech@ENCS.Concordia.CA>

Date Mon 9/30/2024 1:46 PM

To Rihazul Islam <rihazul.islam@mail.concordia.ca>

Cc Bipin Desai <bcdesai@ENCS.Concordia.CA>

Hello Rihazul,

The ENCS usernames in this group are

ar_gauta,as_bakho,o_dabaye,ri_is

You have been given the "group account" upc353_2 to do your project work for this course. "group accounts" are needed so that you can share files with your partners easily.

2 email aliases have been setup for your group. Sending email to either upc353_2@encs.concordia.ca or up_comp353_2@encs.concordia.ca will send email to each one of you.

Though you have a group account you do not have to login to it. You have been added to the "upc353_2" linux group and you can write in the following directories:

/groups/u/up_comp353_2 This directory is where you should cd into
and use while working on the project.
It is **NOT** available on the web server!

/www/groups/u/up_comp353_2 This is the directory where you should place
ALL the files to be viewable on the web.

You as a user do not have any disk quota on the above directories but the linux group "upc353_2" does. The above directories have the sgid bit set (the 's' in 'rws' below) which means that any files or directories created below these ones will automatically belong to the "upc353_2" group

permissions	owner	group	location
drwxrws---	upc353_2	upc353_2	/groups/u/up_comp353_2
dr-xrws---	nul-web	upc353_2	/www/groups/u/up_comp353_2

(The web server initially runs as "nul-web" before switching to "upc353_2".)

If you change the permissions of any directory under these make sure that the 's' bit is on (use "chmod g+s name_of_subdirectory" to do so). If you ever get a message that you are over quota please check the permissions of the directory you are trying to write into.

The server used for the project runs Scientific Linux 7.9
The version of MYSQL in use this term is 8.0.22 and PHP is version 7.4.27

You can run the command "mysql" on any linux machine in the faculty.

Your MYSQL username is upc353_2
The name of the MYSQL server is upc353.encs.concordia.ca
The name of the database you can use is also upc353_2
The password for your database is SleighParableSystem73 (case sensitive)
You cannot change this password.

To run mysql use the following:

```
[login] 101 => mysql -h upc353.encs.concordia.ca -u upc353_2 -p upc353_2
Enter password: SleighParableSystem73
```

Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 350
Server version: 8.0.22 Source distribution

Copyright (c) 2000, 2020, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> create table employees(SIN dec(9));
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> show tables;
+-----+
| Tables_in_upc353_2 |
+-----+
| employees          |
+-----+
1 row in set (0.01 sec)
```

```
mysql> alter table employees add Name char(25);
```

Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc employees;

Field	Type	Null	Key	Default	Extra
SIN	decimal(9,0)	YES		NULL	
Name	char(25)	YES		NULL	

2 rows in set (0.00 sec)

mysql> drop table employees;
Query OK, 0 rows affected (0.02 sec)

mysql> show tables;
Empty set (0.00 sec)

mysql> exit
Bye

The User ID for web access is upc353_2
The password for web access is SleighParableSystem73

The base URL for your web pages is

<https://can01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fupc353.ens.concordia.ca%2F&data=05%7C02%7Ccrihazul.islam%40mail.concordia.ca%7Cdc6d7c986a54365eec108dce177bec5%7C5569f185d22f4e139850ce5b1abcd2e8%7C0%7C0%7C638633151642114517%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=mHyY5oBLr6aPQ2vL%2BZizUJeMwqr5c1sDOj2g36I9Y24%3D&reserved=0>

Note: it is https not http! The web server will automatically redirect to https if the URL starts with http.

As an example you can create a foo.php in /www/groups/u/up_comp353_2 that contains:

```
<HTML>
<HEAD>
  <TITLE>Date/Time Functions Demo</TITLE>
</HEAD>
<BODY>
  <H1>Date/Time Functions Demo</H1>
  <P>The current date and time is
  <EM><?echo date("D M d, Y H:i:s", time())?></EM>
```

```
<P>Current PHP version:  
<EM><?echo phpversion()?></EM>  
</BODY>  
</HTML>
```

Using the URL <https://can01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fupc353.encs.concordia.ca%2Ffoo.php&data=05%7C02%7Ccrihazul.islam%40mail.concordia.ca%7Cdc6d7c986a54365eec108dce177bec5%7C5569f185d22f4e139850ce5b1abcd2e8%7C0%7C0%7C638633151642482757%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=Yy%2FX498NUNk6u%2FdaDmn3aeillHSnKKSR7PEbO5TmDA%3D&reserved=0>

you would see something like

Date/Time Functions Demo

The current date and time is Wed Jan 12, 2022 10:10:43

Current PHP version: 7.4.27

If you wish to connect from outside the ENCS network using either the mysql client program, Workbench, or from your own web server you will have to use Concordia's VPN. Concordia blocks direct connections.

Please see

<https://can01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.concordia.ca%2Fginacody%2Faits%2Fsupport%2Ffaq%2Fconnect-from-home.html&data=05%7C02%7Ccrihazul.islam%40mail.concordia.ca%7Cdc6d7c986a54365eec108dce177bec5%7C5569f185d22f4e139850ce5b1abcd2e8%7C0%7C0%7C638633151642510409%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=LByeyHAXaUtLdwTtLAOBIUqGcNbk8wl09sgw7OEGNsE%3D&reserved=0>

Option A. Connect to Concordia's VPN

Step 2 Connecting to the Concordia Network

on how to setup and connect to Concordia's VPN using your Concordia NETNAME and password.

When setting up your workbench connection to your database use

Standard TCP/IP

Hostname : upc353.encs.concordia.ca

Port: 3306

Username: upc353_2

Default Schema: upc353_2

Wojciech

++++
++++
++++

Wojciech Galuszka / UNIX Systems Administrator / ENCS IT
// ingénieur, member of l'Ordre des ingénieurs du Québec
// B.Eng //