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Task 1: Backup (5 marks)

1. In the command prompt with the correct directory path in the setup, type in **mysqldump.exe**   What do you get as output?

Text

Description automatically generated

It returned a list of mysqldump commands.

1. For the following database, type in **mysqldump.exe --column-statistics=0 sakila**What error message do you receive?

HINT: the error message may not be helpful in pinpointing the source error as there may be more than one error and only one is being picked up. This task is helping you learn to search for solutions to database errors as the error messages given aren’t always descriptive of the real cause of the issue.

Text

Description automatically generated

The Open Database Connectivity (OBDC) creates a default ‘obdc’ user that does not have privileges.

1. Type in **mysqldump.exe --column-statistics=0 -u root sakila**

What error message do you receive now?  And how would you resolve the issue?

HINT: there will be two error messages to resolve. Search the full error code of the first message if you need help determining what it means. After resolving this issue, you will get the source error message that will hint towards the issue.

Text

Description automatically generated

User ‘root’ was denied access because no password was entered.

1. After fixing the issues with #3, what did you get as a result?



It generated a set of SQL statements that can be executed to reproduce the sakila database.

1. What command would send the output to a file called *sk\_backup.sql*? In other words, type in the command to backup the **sakila**database to a file called sk\_backup.sql.



Mysqldump -u root -p sakila > sk\_backup.sql

Task 2: Restore (3 marks)

1. type in **mysqladmin.exe**

What do you get as output?

Text

Description automatically generated

It returned a list of mysqladmin commands.

1. What **mysqladmin.exe** command would you use to create a new database called *sk\_backup*?

mysqladmin -u root -p create sk\_backup

1. Now that you've created a new database to restore your database into, what command would you use to restore, into s*k\_backup*, the backup file that you created above?

mysql -u root -p sk\_backup < sk\_backup.sql