# 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?  
     
   Output:  
    Usage: mysqldump [OPTIONS] database [tables]  
    OR mysqldump [OPTIONS] --databases [OPTIONS] DB1 [DB2 DB3...]  
    OR mysqldump [OPTIONS] --all-databases [OPTIONS]  
    For more options, use mysqldump --help
2. For the following database, type in **mysqldump.exe --column-statistics=0 sakila** What error message do you receive?  
     
   Output (error message):  
    mysqldump: Got error: 1045: Access denied for user 'ODBC'@'localhost' (using   
    password: NO) when trying to connect
3. Type in **mysqldump.exe --column-statistics=0 -u root sakila** What error message do you receive now? And how would you resolve the issue?  
     
   Output (error message):  
    mysqldump: Got error: 1045: Access denied for user 'root'@'localhost' (using password: NO) when trying to connect  
     
   The way resolves the issue:  
    adding “-p” to the end of command, and typed root password
4. After fixing the issues with #3, what did you get as a result?  
     
   sqls are executed to drop and create tables.
5. 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.  
     
   Command:  
    > mysqldump -u root -p sakila > sk\_backup.sql

# Task 2: Restore (3 marks)

1. type in **mysqladmin.exe** What do you get as output?  
     
   It shows the description of mysqladmin.exe command
2. What **mysqladmin.exe** command would you use to create a new database called *sk\_backup*?   
     
   Command:  
    > mysqladmin create sk\_backup -u root -p
3. 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?  
     
   Command:  
    > mysql sk\_backup < sk\_backup.sql -u root -p