**Keyloop Technical Test (VN)**

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**Date**: August 5th, 2025

**Test Ver:** 5.0

**Due Date :** August 8th, 2025

**Task 2**

**Overview**

At Keyloop QA engineers often use the command line and basic SQL commands. Please answer the below questions to the best of your ability.

1. What would be the resulting output of running the below SQL?

|  |  |
| --- | --- |
| **SQL** | **Resulting Output?** |
| SELECT \*  FROM `dealer\_group`  WHERE id  IN ("8632","8627","8628","8637","8638","9039","8636","8631","8630","8629","8633","8626","8635","8625","8639","1685"); | Retrieving all columns in the dealer\_group table for rows where id matches any value in the list:  ("8632","8627","8628","8637","8638","9039","8636","8631","8630","8629","8633","8626","8635","8625","8639","1685"); |
| SELECT \*  FROM `User`  WHERE `email` = 'james.wilson@gforces.co.uk'; | Retrieving all columns in the User table for rows where data in ‘email’ column equal to 'james.wilson@gforces.co.uk' |
| SELECT FROM `User` WHERE `firstName` LIKE 'james%'; | The query is missing a column information so it will return an error message like an error in your SQL syntax  If the query is edited to: SELECT \* FROM `User` WHERE `firstName` LIKE 'james%';  It will retrieve all columns in the User table for rows where data in the ‘first Name’ column starts with 'james’ |
| UPDATE `DepartmentOpeningTimesl` SET `monOpen`='08:00:00',`monClose`='18:00:00',`tueOpen`='08:00:00',`tueClose`='18:00:00',`wedOpen`='08:00:00',`wedClose`='18:00:00',`thurOpen`='08:00:00',`thurClose`='18:00:00',`friOpen`='08:00:00',`friClose`='18:00:00',`satOpen`='10:00:00',`satClose`='17:00:00',`sunOpen`='10:00:00',`sunClose`='13:00:00'; | It will update all rows in the DepartmentOpeningTimesl table, set data as  `monOpen`='08:00:00',  `monClose`='18:00:00',  `tueOpen`='08:00:00',  `tueClose`='18:00:00',  `wedOpen`='08:00:00',  `wedClose`='18:00:00',  `thurOpen`='08:00:00',  `thurClose`='18:00:00',  `friOpen`='08:00:00',  `friClose`='18:00:00',  `satOpen`='10:00:00',  `satClose`='17:00:00',  `sunOpen`='10:00:00',  `sunClose`='13:00:00'  for all rows |

1. What would the below bash and/or vim CLI commands output be?

|  |  |
| --- | --- |
| **Command** | **Output?** |
| cd | Go to a folder |
| ll | Behave like a double click |
| ls -l | List all items in the current directory |
| mkdir | Make a directory (create a folder) |
| rm /storage | Remove storage folder |
| rm -rf /storage | Force remove storage folder |
| cp | copy |
| vim |  |
| cd ../ | Go up 1 level (go to parent directory) |
| php ./api123.php |  |
| docker-compose |  |
| :w |  |
| :wq |  |
| --h |  |
| -V |  |
| pwd | Print work directory |
| whoami | View current user |
| whereis |  |
| which |  |
| echo “echo” | Print “echo” |
| print | Sent text file to printer |
| curl | Sent a GET request to URL |
| sudo su | Run CMD with superuser privilege |
| yum install |  |
| exit | Close terminal |