Linux Environment Variable Assignment

1. State the command for the following.

a. view current environment variables

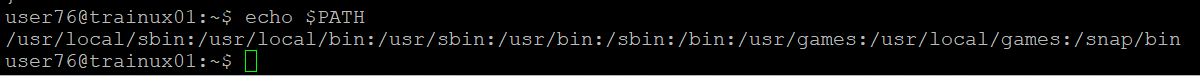
🡺 The command to view current environment variables is “env” or “printenv”.

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Description automatically generated with medium confidence

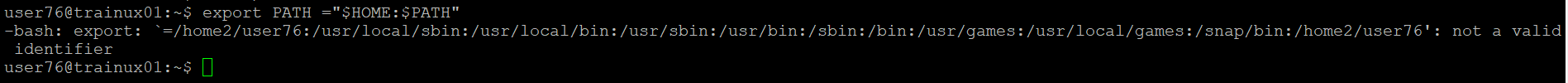
b. display the PATH evirnment variable value

🡺To display the current environment variables value of the PATH environment variable, use “echo$PATH”.



c. update PATH to include the path to your home directory

🡺 The command to update PATH to include the path to your home directory is “export PATH=$PATH:$HOME”.



2. How will you make the environment changes applicable to all users? Which script is to be modified?

🡺To make the environment changes applicable to all users, the commands used are

>> “sudo vim/etc/profile”

>> “export PATH=$PATH:/home/user/file\_name”

>> “source /etc/profile”

The script which is to be modified are “/etc/profile” and “/etc/environment”.

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3. I have installed an application named “myapp”. After installation, if I invoke the application, it fails with error as “Command myapp not found”. How will you fix this?

To fix the “command myapp not found” error, we need to follow some steps which are:

* + 1. Verify the installation location of **myapp** using which or **whereis**.
    2. If **myapp** is not in a directory that's already in your PATH, add its directory to your PATH in the appropriate configuration file (e.g., /etc/profile or ~/.**bashrc**).
    3. Ensure **myapp** has the correct executable permissions (**chmod +x myapp**).
    4. Optionally, use **hash -r** to clear the shell cache.
    5. Restart the shell session or source the modified configuration files to apply the changes.