**Linux Environment Variable Assignment**

**1. State the command for the following.**

**a. view current environment variables**

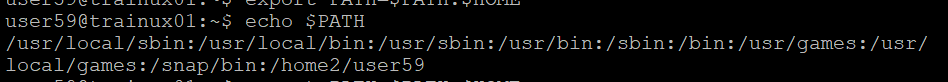
To view current environment variables the command used is “env” or “printenv”.

A screen shot of a computer

Description automatically generated

**b. display the PATH environment variable value**

The command to display the PATH environment variable value is “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?**

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

>> “sudo nano /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”.

**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?**

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

* Verify the installation location of **myapp** using which or **whereis**.
* 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**).
* Ensure **myapp** has the correct executable permissions (**chmod +x myapp**).
* Optionally, use **hash -r** to clear the shell cache.
* Restart the shell session or source the modified configuration files to apply the changes.