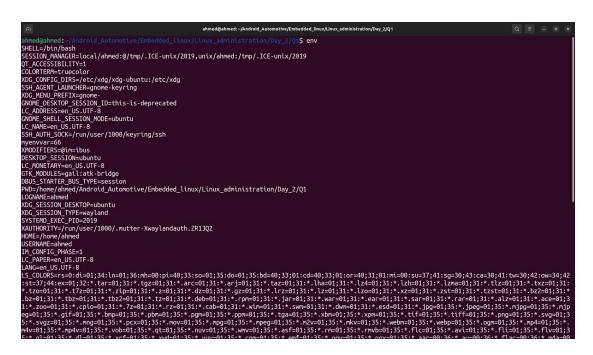
```
ahmed@ahmed:-/Android_Automotive/Embedded_Linux/Linux_administration/Day_2/Q1 Q = - - - ×
ahmed@ahmed:-/Android_Automotive/Embedded_Linux/Linux_administration/Day_2/Q1$ pro.exe
Index: 2
Element not found
ahmed@ahmed:-/Android_Automotive/Embedded_Linux/Linux_administration/Day_2/Q1$ $PATH
bash: /home/ahmed/x-tools/aarch64-rpi4-linux-gnu/bin:/home/ahmed/.local/bin:/usr/local/sb
in:/usr/local/bin:/usr/sbin:/usr/bin:/bin:/usr/games:/usr/local/games:/snap/bin:/sn
ap/bin: No such file or directory
ahmed@ahmed:-/Android_Automotive/Embedded_Linux/Linux_administration/Day_2/Q1$
```

the pro.exe is executed directly from bash because the binary in stored in a directory which is found in environment variable \$PATH. So once it's written, the kernel will search for it in directories specified in the \$PATH.

1. List the available shells in your system.

```
ahmed@ahmed:-/Android_Automotive/Embedded_linux/Linux_administration/Day_2/Q1 Q = - D X
ahmed@ahmed:-/Android_Automotive/Embedded_linux/Linux_administration/Day_2/Q1$ head /etc/
shells
# /etc/shells: valid login shells
/bin/sh
/bin/bash
/bin/rbash
/bin/rbash
/bin/sh
/usr/bin/sh
/usr/bin/sh
/usr/bin/bash
/usr/bin/rbash
/usr/bin/rbash
/usr/bin/dash
/bin/zsh
ahmed@ahmed:-/Android_Automotive/Embedded_linux/Linux_administration/Day_2/Q1$
```

2. List the environment variables in your current shell.



3- Display your current shell name.



4. Execute the following command:

echo \ then press enter

What is the purpose of \?

it causes the newline to be neglected and to continue reading input in the next line



5. Create a Bash shell alias named PrintPath for the "echo \$PATH" command

