🔧 understanding how existing scripts in repo work

🔧 script 1

```
#!/bin/bash      - shebang
echo "hello, world!"     - printing hello world
name="vansh"    - taking vansh in variable name
age=17     -  taking 17 in variable age

echo "My name is $name ansd I am $age year old."  - printing name and
age
```

```
HPVICTUS@UBUNTU:~/Desktop/vg/linux_lab/linux_lab/shell$ nano hello.sh
HPVICTUS@UBUNTU:~/Desktop/vg/linux_lab/linux_lab/shell$ chmod 777 hello.sh
HPVICTUS@UBUNTU:~/Desktop/vg/linux_lab/linux_lab/shell$ ./hello.sh
hello, world!
My name is vansh ansd I am 17 year old.
HPVICTUS@UBUNTU:~/Desktop/vg/linux_lab/linux_lab/shell$
```

🔧 script 2

```
#!/bin/bash        -shebang
a="vansh"           -taking vansh in the variable a
b=40                 -taking 40 in the variable b

if [ $a="vansh" ] && [ $b -gt 18 ]; then      -checking conditions and
using an opreator and(&&)
    echo " you are adult "                     - printing you are adult
fi

if [ $a=" akshat" ] && [ $b -lt 18 ]; then       -checking conditions
and using an opreator and(&&)
    echo "you are minor"                         - printing you are
minor
fi
```

```
 GNU nano 7.2                                                and.sh
#!/bin/bash
a="vansh"
b=40

if [ $a="vansh" ] && [ $b -gt 18 ]; then
    echo " you are adult "
fi

if [ $a=" akshat" ] && [ $b -lt 18 ]; then
    echo "you are minor"
fi
```

```
HPVICTUS@UBUNTU:~/Desktop/vg/linux_lab/linux_lab/shell$ nano and.sh
HPVICTUS@UBUNTU:~/Desktop/vg/linux_lab/linux_lab/shell$ chmod 777 and.sh
HPVICTUS@UBUNTU:~/Desktop/vg/linux_lab/linux_lab/shell$ ./and.sh
 you are adult
HPVICTUS@UBUNTU:~/Desktop/vg/linux_lab/linux_lab/shell$
```

🔧 Q1 what is the purpose of #!/bin/bash at the top of the script

```
ans= the shebang line at the top of a script specifies the interpreter
that should be used to the run the script.
```

🔧 Q2 how do you make a script executable?

```
ans = 1. add the shebang at the top
      2. give permission using the chmod command
      3. run the code.
```