```
parneet@ubuntu:~/COMP2101/bash$ cat /etc/hosts
127.0.0.1        localhost
127.0.1.1        ubuntu

# The following lines are desirable for IPv6 capable hosts
::1      ip6-localhost ip6-loopback
fe00::0 ip6-localnet
ff00::0 ip6-mcastprefix
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters
parneet@ubuntu:~/COMP2101/bash$
```

2.Before running script

```
parneet@ubuntu:~/COMP2101/bash$ hostnamectl
   Static hostname: ubuntu
         Icon name: computer-vm
           Chassis: vm
        Machine ID: 20c809e53a484b689e15d28fe77c483c
           Boot ID: 08c269ba8e8a4c58b785f0e8f7b96b7d
    Virtualization: vmware
  Operating System: Ubuntu 20.04.3 LTS
            Kernel: Linux 5.13.0-30-generic
      Architecture: x86-64
parneet@ubuntu:~/COMP2101/bash$
```

3. Output

```
parneet@ubuntu:~/COMP2101/bash$ ./hostname-changer.sh
ubuntu
 #this is the  ip address of your system  of the system default and it is popularly know as loopback address
Enter your student number?
200455917
hostname pc200455917
parneet@ubuntu:~/COMP2101/bash$
```

4.

```
parneet@ubuntu:~$ cat /etc/hosts
127.0.0.1        localhost
127.0.1.1        pc200455917

# The following lines are desirable for IPv6 capable hosts
::1      ip6-localhost ip6-loopback
fe00::0 ip6-localnet
ff00::0 ip6-mcastprefix
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters
parneet@ubuntu:~$
```

```
parneet@pc200455917:~$ cat /etc/hosts
127.0.0.1        localhost
127.0.1.1        pc200455917

# The following lines are desirable for IPv6 capable hosts
::1      ip6-localhost ip6-loopback
fe00::0 ip6-localnet
ff00::0 ip6-mcastprefix
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters
```

5 After reboot

```
parneet@pc200455917:~$ hostnamectl
   Static hostname: pc200455917
         Icon name: computer-vm
           Chassis: vm
        Machine ID: 20c809e53a484b689e15d28fe77c483c
           Boot ID: 88ce2ddb967d4db6bc33e4984ea0e91e
    Virtualization: vmware
  Operating System: Ubuntu 20.04.3 LTS
            Kernel: Linux 5.13.0-30-generic
      Architecture: x86-64
```