

## EXPERIMENT- 06

QUES 1:

```
localhost:~# vi forloop1.sh
#!/bin/bash
SERVERS="s1 s2 s3"
for S in $SERVERS; do
    echo "updating pkg on: $S"
done
~
~
~
localhost:~# chmod u+rx forloop1.sh
localhost:~# ./forloop1.sh
updating pkg on: s1
updating pkg on: s2
updating pkg on: s3
```

QUES 2:

```
localhost:~# vifor2.sh
#!/bin/bash
for value in {1..5}
do
    echo "number: $value"
done
~
~
localhost:~# chmod u+rx for2.sh
localhost:~# ./for2.sh
number: 1
number: 2
number: 3
number: 4
number: 5
```

### QUES 3

```
localhost:~# vi forloop3.sh
#!/bin/bash
for file in /root/*
do
    chmod 755 "$file"
    echo "update permission for: $file"
done
~
~
localhost:~# chmod u+rx forloop3.sh
localhost:~# ./forloop3.sh
update permission for: /root/bench.py
update permission for: /root/forloop3.sh
update permission for: /root/hello.c
update permission for: /root/hello.js
update permission for: /root/readme.txt
```

### QUES 4:

```
localhost:~# vi forloop4.sh
#!/bin/bash
for (( ; ; ))
do
    echo "This is infinite loop"
    echo "Use Ctrl+C to stop it"
done
~
~
localhost:~# chmod u+rx forloop4.sh
localhost:~# ./forloop4.sh
This is infinite loop
Use Ctrl+C to stop it
This is infinite loop
Use Ctrl+C to stop it
This is infinite loop
Use Ctrl+C to stop it
This is infinite loop
^C
```

QUES 5:

```
localhost:~# vi forloop5.sh
#!/bin/bash
for serverd in A B C; do
    for app in apache dp; do
        echo "$serverd can run $app LAMP package"
    done
done
~
~
localhost:~# chmod 711 forloop5.sh
localhost:~# ./forloop5.sh
A can run apache LAMP package
A can run dp LAMP package
B can run apache LAMP package
B can run dp LAMP package
C can run apache LAMP package
C can run dp LAMP package
```

QUES 6:

```
localhost:~# nano prog6.sh
```

```
GNU nano 4.9.3
#!/bin/bash
for file in ~/etc/*;
do
if [[ "$file" == "/root/etc/timezone.txt" ]];
then
echo "$file is available"
break
fi
echo "$file"
done
```

```
localhost:~# ./prog6.sh
/root/etc/timezone.txt is available
localhost:~#
```

QUES 7:

```
localhost:~# nano prog7.sh
```

```
GNU nano 4.9.3
#!/bin/bash
for log in $(cat test.sh);
do
echo "log entry : $log"
done
```

```
localhost:~# ./prog7.sh
log entry : This
log entry : is
log entry : a
log entry : test
log entry : sh
log entry : file
log entry : for
log entry : reading
log entry : the
log entry : log
log entry : files
log entry : using
log entry : for
log entry : loop
```