Chaithra K V

Roll No : 9

MCA – 4th sem

**for**

i)

chaithra@chaithra:~$ cat >forloop.sh

#!/bin/bash

for a in 1 2 3 4 5 6 7

do

if [ $a == 5 ]

then

break

fi

echo "numbers are $a"

done

chaithra@chaithra:~$ cat forloop.sh

#!/bin/bash

for a in 1 2 3 4 5 6 7

do

if [ $a == 5 ]

then

break

fi

echo "numbers are $a"

done

chaithra@chaithra:~$ ls -l forloop.sh

-rwxrwxr-x 1 chaithra chaithra 94 Apr 20 14:57 forloop.sh

chaithra@chaithra:~$ chmod +x forloop.sh

chaithra@chaithra:~$ ./forloop.sh

numbers are 1

numbers are 2

numbers are 3

numbers are 4

ii)

chaithra@chaithra:~$ cat >forloop.sh

for((i=1;i<=5;i++))

do

echo "number : $i"

done

chaithra@chaithra:~$ ./forloop.sh

number : 1

number : 2

number : 3

number : 4

number : 5

**If loop**

1) #!/bin/bash

    touch var

    mkdir hi

    echo "enter file"

    read str

    if test -f $str

    then

    echo "file exists,it is an ordinary file"

    elif test -d $str

    then

    echo "directory file"

    else

    echo "not exists"

   fi

   if test -c $str

   then

   echo "character device files" files

~$ ls -l if.sh

-rw-r--r-- 1 user user 86 Apr 20 01:02 forloop.sh

~$ chmod +x if.sh

~$ ./if.sh

enter file

hi

directory file

**while**

chaithra@chaithra:~$ cat >whileloop.sh

#!/bin/bash

a=0

while [ $a -le 5 ]

do

echo "number is $a"

a=`expr $a + 1`

done

chaithra@chaithra:~$ ls -l whileloop.sh

-rwxrwxr-x 1 chaithra chaithra 79 Apr 20 15:35 whileloop.sh

chaithra@chaithra:~$ chmod +x whileloop.sh

chaithra@chaithra:~$ ./whileloop.sh

number is 0

number is 1

number is 2

number is 3

number is 4

number is 5

**switch**

chaithra@chaithra:~$ cat >switch.sh

#!/bin/bash

echo " Enter a number below 7"

read number

case $number in

1) echo "Sunday"

;;

2) echo "Monday"

;;

3) echo "Tuesday"

;;

4) echo "Wednesday"

;;

5) echo "Thursday"

;;

6) echo "Friday"

;;

7) echo "Saturday"

;;

\*)

echo "select option below 7"

;;

esac

chaithra@chaithra:~$ ls -l switch.sh

-rwxrwxr-x 1 chaithra chaithra 259 Apr 20 16:02 switch.sh

chaithra@chaithra:~$ ./switch.sh

Enter a number below 7

4

Wednesday