1. Write a script to create 10 directories, say a1,a2,...,a10

-> mkdir a1 a2 a3 a4 a5 a6 a7 a8 a9 a10

2. Write a menu based script to perform following string operations

a) To find length of a string

-> echo -n hello | wc -m

c) Copying string

-> grep -o ‘string’ \* > file1.txt

d) Concatenation of strings

-> obj1="Hello,"

obj2=" World"

obj3="$obj1$obj2"

echo "$obj3"

e) Compare two strings

->

obj1="hello"

obj2="world"

if [ "$obj1" = "$obj2" ]; then

echo "Strings are equal."

else

echo "Strings are not equal."

fi

f) Reversing a string

-> $ echo welcome | rev

3.Write a shell script to rename all files in the current directory with numeric continuous value

-> ls -v | cat -n |

While

read n f;

do mv -n "$f" "$n.ext";

done

4. Write a script that print environment variable

(Print $HOME,$PATH,$SHELL,$HISTORY,$LOGNAME,$TERM)

-> echo $HOME, echo $HISTORY, echo $LOGNAME, echo $PATH, echo $TERM, echo $SHELL

5. Write a shell script to print all files permissions in current directory (Not name or other details)(Use cut commands)

-> ls -la | cut -f 1 -d ' '

6. Write a shell script to print all files permissions and name of file

-> ls -al

7.Write a shell script to print all files name and size greater than 5K

->find -type f -name "\*.sh" -size +5k -ls