Assignment

Aug19/ OSC/Assignment

Operating System Concepts

Diploma in Advance Computing

August 2019

1. Write a shell script that will accept name, roll-number, dob and marks of a student

display the input data in a proper format

Name :- \_\_\_\_

DOB :-\_\_\_\_\_\_

echo "Enter the name of student:";

read s;

echo "Enter the Dob OF the student";

echo "Day";

read d;

echo "Month";

read m;

echo "Year";

read y;

echo "Enter the roll no of student";

read ro;

echo "Enter the DAC marks";

read mark;

echo "Roll no:- $ro";

echo "Name:- $s";

echo "DOB:- $d - $m - $y";

echo "DAC marks:- $mark";

1. write a shell script with following menu

a. sort alphabetically in ascending order ---for any given column

b. sort alpha-desc for any given column

c. sort numerically for any given column

1. Write a shell script to accept 10 names from the user and display the names in sorted order.

for((i=0;i<10;i++))

do

read name[i];

done

for((i=0;i<10;i++))

do

echo "${name[i]}";

done

for each in ${name[@]}

do

echo "Name is :- " $each;

done | sort

1. accept a string from the user tell whether it is a palindrome

-----------------String Palindrome----------------

echo "Enter the String";

read str;

str2=$(echo "$str" | rev);

echo "$str2";

if [ $str == $str2 ]

then

echo "String is palindrome";

echo "$str";

else

echo "Srting is not palindrome";

echo "$str2";

fi

1. WASS to accept a filename from the user and show the total lines in the file , blank lines in the file and non-blank lines in the file.

(grep , redirection , cp, mv, rm)

remove the blank lines from the file and print again

total lines, blank lines = 0 , non blank lines

echo "Enter The File Name: ";

read f;

if [ -e $f ]

then

l=$(wc -l < $f);

l2=$(grep -c ^$ $f);

echo "The File is Exist";

echo "Total No of Linies is : $(wc -l < $f)";

echo "Total No of Blank Lines: $(grep -c ^$ $f)";

echo "Total No of lines Without blank is: $((l-l2))";

else

echo "The file Is not Exist";

fi

1. WASS to accept any number of numbers on command line

show their sum as follows( shift and posipara)

12 12 13

12 + 12 + 13 = 37

echo "Enter the number";

read num1;

echo "Enter second number";

read num2;

read num3;

result=$(($num1+$num2+$num3));

echo "$result";

1. WASS using SET command , show following menu to user

a. dd-mon-yyyy

b. mon/dd/yyyy

c. dd/mm/yyyy

8. Create shell script program to input 3 numbers from command line and check which number is greatest of all.

echo "Enter three numbers";

read a;

read b;

read c;

if [ $a -gt $b ] && [ $a -gt $c ]

then

echo " Greatest number is: $a ";

elif [ $b -gt $c ] && [ $b -gt $c ]

then

echo " Greatest number is: $b ";

elif [ $c -gt $a ] && [ $c -gt $b ]

then

echo "Greatest number is: $c";

fi