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**Code for String Operations Assignment 4**

#!/bin/bash

echo "String Operations"

i="y"

echo "enter first string"

read st1

echo "enter second string"

read st2

while [ $i = "y" ]

do

echo "1.Compare strings"

echo "2.Check if strings are equal"

echo "3.Check if strings are empty or not"

echo "4.Concat"

echo "5.Length of first string"

echo "6.Length of second string"

echo "7.Reverse first string"

echo "8.Reverse Second string"

echo "Enter choice"

read ch

case $ch in

1)if [ $st1 \> $st2 ]

then

echo "$st2 is greater then $st1"

else

echo "$st1 is less then $st2"

fi ;;

2)if [ $st1 = $st2 ]

then

echo "Both string are same"

else

echo "Both string are not same"

fi ;;

3)if [ -n $st1 ]

then

echo "String is not empty"

else

echo "String is empty"

fi ;;

4)c="${st1} ${st2}"

echo "${c}";;

5)echo ${#st1};;

6)echo ${#st2};;

7)echo ${st1} | rev;;

8)echo ${st2} | rev;;

\*)echo "invalid choice"

esac

echo "Do you want to continue"

read i

if [ $i != "y" ]

then

exit

fi

done

OUTPUT

Graphical user interface, text

Description automatically generated

Graphical user interface, text

Description automatically generated

Graphical user interface, text

Description automatically generated