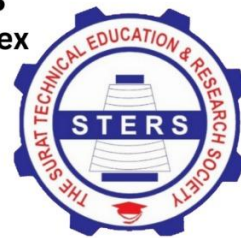




Surat Technical Education & Research Society's
Smt. Kalavatiiben Fulchandbhai Vakhariya Education Complex
SASCMA EMCC & H.H. BBA &
U.J.B. BCA & Msc(IT) & STERS BA
(Psychology) & B.sc. (Data Science)
Affiliated to Veer Narmad South Gujarat University



TYBCA SEM-5

501 : Linux Operating System (LOS)

Practical Journal

INDEX

NO	PROGRAMS	PAGE NO	SIGN
1.	Write script using case statement to perform basic math operations (+ , - , * , / , %).		
2.	Write a shell script to reverse a given number.		
3.	Write script to check inputted file is regular file , directory or does not exist .		
4.	Write a script which enters username s& password & check that if the username = sugc& password=98765 then display the valid user message. Otherwise invalid user. [script gives maximum 3 attempts to the user.]		
5.	Accept a string from terminal and echo suitable message if it does not have at least 10 characters.		
6.	Write a script to delete all vowels from particular string.		
7.	Write a script to accept a number from user until he enters 0 & find sum of all that numbers.		
8.	Write a script to Check whether file is empty or not, And if file name doesn't exist than print appropriate message.		
9.	Write a shell script to prompts the user to enter the time (in 24-hour format) then wish them “Good morning”, “Good afternoon”, “Good evening”, or “Good night” based on the input. (example: If Input is 13 then print Good afternoon)		
10.	Write a shell script which takes input of file name and prints first 10 lines of that file. file name is to be passed as command line argument. If argument is not passed then any ‘C’ program from the current directory is to be selected.		

NO	WRITE COMMAND USING sed OR grep	PAGE NO	SIGN
1.	Write a command to replace 'RAM' with 'ROM' on line no 10 to 20.		
2.	Display all blank lines between line 20 and 30 of file test.txt.		
3.	To list file names consist of only 4 digits.		
4.	Display the lines that do not contain "Unix".		
5.	Display the lines which are starting with 1 at the beginning.		
6.	Display lines beginning either with alphabet or digit from file test.txt.		
7.	Write a command to display all file name containing only digits in a filename.		
8.	Display two lines starting from 4th line of file test.txt.		
9.	To display lines beginning with numbers of a file y1.txt.		
10.	To count number of words in line 10 thought 20 of file test.txt.		
WRITE THE COMMAND			
1.	Count number of characters in first five lines of file x1.		
2.	Display files of current directory whose 1 st character is not digit.		
3.	Display last 2 lines of working directory.		
4.	Display only those files of current directory which is own by the current user.		
5.	To combine content of two file do not use cat command.		
6.	Count the total no of blank lines of file x1.		
7.	Display the lines which are not starting with 2 at the beginning.		
8.	Count the total no. of lines in a file.		
9.	To display lines beginning with alphabets of a file test.txt		
10.	Display lines of file from line 3-5.		