**Experiment no:10**

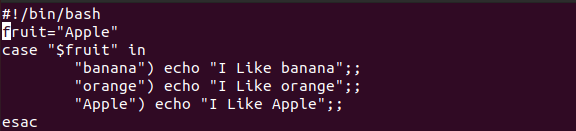
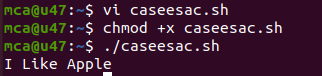
**Aim:** Familiarization with Linux command.

**CO4:** Write shell scripts required for system administration.

**Procedure:**

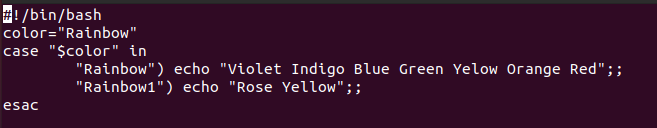
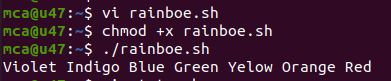
1. Write a shell script to display the fruit you like?

Output:



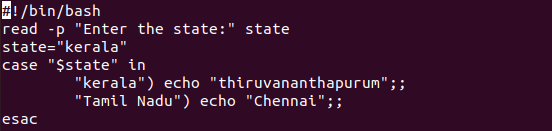
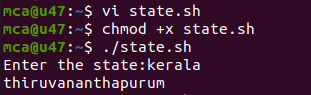
2. Write a shell script to display the colour in rainbow?

Output:



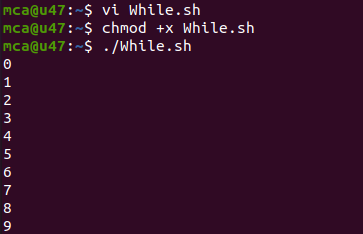
3. Write a shell script to display the capital of state using case..esac statement?

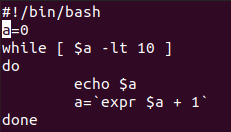
Output:



4.Write a shell script to display number in a certain limit using a while loop?

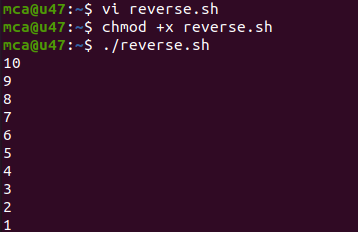
Output:

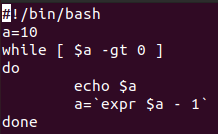




5.Write a shell script to print numbers in reverse order using while loop?

Output:



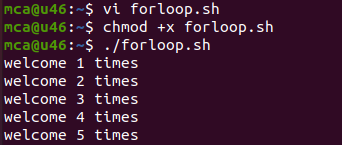


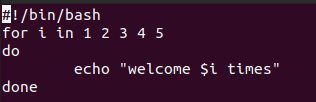
6.Write a shell script to check whether it is palindrome or not?

Output:

7.Write a shell script to demonstrate for loop?

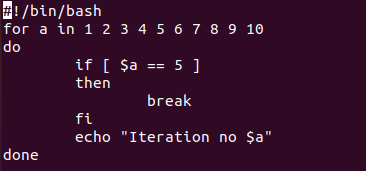
Output:

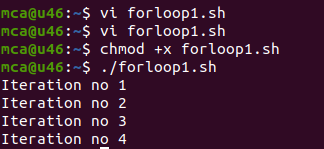




8.Write a shell script to implement for loop with break statement ?

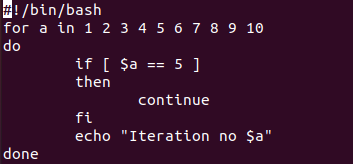
Output:

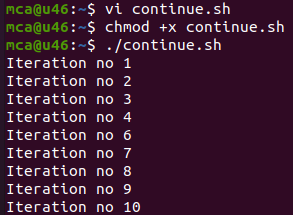




9.Write a shell script to implement for loop with continue statement ?

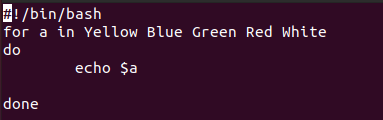
Output:

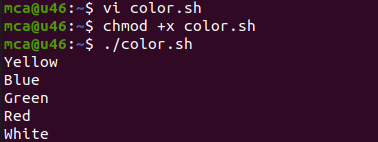




10.Write a shell script to display colors using for loop?

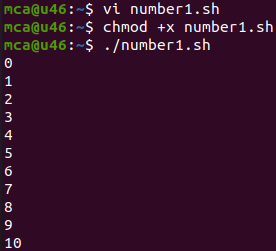
Output:

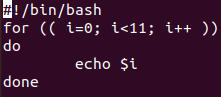




11.Write a shell script to display numbers upto 10?

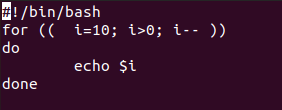
Output:

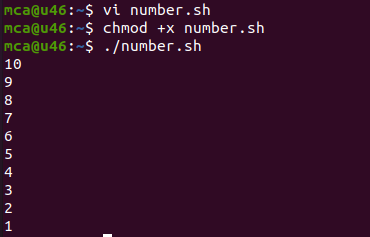




12.Write a shell script to count the number in reverse direction?

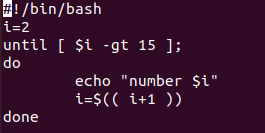
Output:

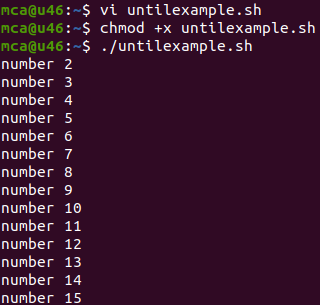




13. Write a shell script to display number from 2 to 15 until loop?

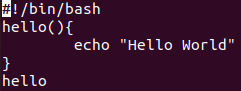
Output:

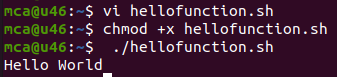




14.Write a shell script to display shell function

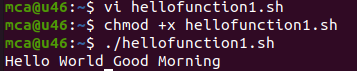
Output:

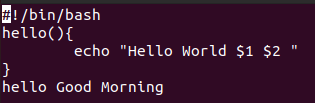




15.Write a shell script to display

Output:





16.Write a shell script to check whether the number is palindrome or not?

Output:

17.Write a shell script to check whether a given number is Armstrong or not?

Output:

18.Write a shell script to check whether a number is prime or not?

Output:

19.Write a shell script for factorial of a number?

Output:

20.Write a shell script to print Fibonacci series?

Output:

21.Write a shell script to check if the current year ia a leap year or not?

Output: