

Midnapure College (Autonomous)

Shell Script Lab

- Q1. Write a shell script to check if the number entered at the command line is prime or not.
- Q2. Write a shell script to modify —cal command to display calendars of the specified months.
- Q3. Write a shell script to modify —cal command to display calendars of the specified range of months.
- Q4. Write a shell script to accept a login name. If not a valid login name display message —Entered login name is invalid.
- Q5. Write a shell script to display date in the mm/dd/yy format.
- Q6. Write a shell script to display on the screen sorted output of —who command along with the total number of users .
- Q7. Write a shell script to display the multiplication table any number,
- Q8. Write a shell script to compare two files and if found equal asks the user to delete the duplicate file.
- Q9. Write a shell script to find the sum of digits of a given number.
- Q10. Write a shell script to merge the contents of three files, sort the contents and then display them page by page.
- Q11. Write a shell script to find the LCD(least common divisor) of two numbers.
- Q12. Write a shell script to perform the tasks of basic calculator.
- Q13. Write a shell script to find the power of a given number.
- Q14. Write a shell script to find the binomial coefficient $C(n, x)$.
- Q15. Write a shell script to find the permutation $P(n, x)$.
- Q16. Write a shell script to find the greatest number among the three numbers.
- Q17. Write a shell script to find the factorial of a given number.
- Q18. Write a shell script to check whether the number is Armstrong or not.
- Q19. Write a shell script to check whether the file have all the permissions or not.
- Q20. Write a shell script to find the GCD(greatest common divisor) of two numbers.