

Assignment 5

1. Write a shell program to display message “Good Morning”, “Good After Noon” or “Good Evening”, according to the system time at the moment of execution of the script.
2. Write a shell program to find the sum of first 10 elements of the series:
 $1+5+9+13+17$
3. Write a shell script that display all the even numbered lines from a file.
4. Write a shell program which display only non-comment line of a given named file.
5. Write a shell program to check given no is palindrom or not.
6. Write a shell script which takes backup of specified directory locations and it creates unique backup directory name as per current system time and date.
7. Write a shell program which perform below mentioned validation for positional parameters.
 - a. Test the script with no arguments.
 - b. Test the script with two arguments.
 - c. Test the script with one argument that is not readable file.
 - d. Test the script with one valid argument
8. Write a shell script which reads a number in units of seconds and converts it to the units
hours:minutes:seconds and display it.
9. Implement a shell program which calculate income tax of employee based on gender and currently implemented tax slabs in India.
10. Write a shell program which read text from a file and give count as vowels, Blank Spaces, Characters, Number of lines and Symbols.