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| **SI NO.** | **ASSIGNMNET STATEMENT** | **D-O-A** | **D-O-S** | **SIGNATURE** |
| 1. | Write a shell program to print average marks and grade of students upon three input marks. | 12.07.2022 |  |  |
| 2. | Write a shell program to print sum of digits of a three-digit number. | 12.07.2022 |  |  |
| 3. | Write a shell program to check whether a number is odd or even. | 19.07.2022 |  |  |
| 4. | Write a shell program to print factorial of a number. | 25.07.2022 |  |  |
| 5. | Write a shell program to print Fibonacci series. | 25.07.2022 |  |  |
| 6. | Write a shell program to print average of first n natural numbers. | 25.07.2022 |  |  |
| 7. | Write a shell program to print sum of digit of a number. | 25.07.2022 |  |  |
| 8. | Write a shell program to print prime numbers in a given range. Take inputs as command line arguments. | 1.8.2022 |  |  |
| 9. | Write a shell program to print access permission of a file. Filename should be provided as command line input. | 1.8.2022 |  |  |
| 10. | Write a program in C to demonstrate First Come First Serve (FCFS) scheduling algorithm and print the waiting times for each process and also print the average waiting time. | 1.8.2022 |  |  |
| 11. | Write a program in C to demonstrate Shortest Job First (SJF) scheduling algorithm and print the waiting times for each process and also print the average waiting time. | 1.8.2022 |  |  |
| 12. | Write a program in C to demonstrate Round Robin (FCFS) scheduling algorithm and print the waiting times for each process and also print the average waiting time. | 1.8.2022 |  |  |
| 13. | Write a shell program to print the roots of a quadratic equation. | 2.8.2022 |  |  |
| 14. | Write a shell program to implement a menu driven calculator using switch case. | 8.8.2022 |  |  |
| 15. | Write a shell program to check whether a given date is valid or not. Year should be between 0 to 2022, month should be between 1 to 12, date should be between 1 to 31 with leap year check. Use switch case for checking the range. | 8.8.2022 |  |  |
| 16. | Write a shell program to find all the lines in a file containing a word. After dropping those line, store the remaining text in an output file. | 23.8.22 |  |  |
| 17. | Write a shell program to find the maximum number in an array. | 29.8.22 |  |  |
| 18. | Write a shell program to perform linear search. | 30.8.22 |  |  |
| 19. | Write a shell program to reverse an array. | 30.8.22 |  |  |
| 20. | Write a shell program to implement stack using array. | 19.9.22 |  |  |