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| S.No. | PROGRAMS |
| 1. | Input two numbers and print their sum. |
| 2. | Input principle amount, rate and time and calculate S.I. |
| 3. | Input length and breadth and calculate area of rectangle |
| 4. | Input the side and calculate area of square. |
| 5. | Input radius and calculate area and circumference of circle. |
| 6. | Input base and height and calculate area of triangle |
| 7. | If Basic salary is input through keyboard write a program to calculate gross salary. Where,  da is 10% of bs.  ta is 12% of bs.  hra is 10% of bs. |
| 8. | Input temperature in Fahrenheit and convert into Celsius. |
| 9. | Input two numbers and swap them. |
| 10. | Input 5 digit numbers and calculate sum of its digits. |
| 11. | Input two numbers and print the greater number. |
| 12. | Input a number and check if it is even or odd. |
| 13. | Input a number and check if it is Armstrong. |
| 14. | Display reverse of a number. |
| 15. | Input a number and check if it is palindrome or not. |
| 16. | Generate Fibonacci series. |
| 17. | Display pattern below  \*  \*\*  \*\*\*  \*\*\*\* |
| 18. | 1  12  123  1234 |
| 19. | \*\*\*\*  \*\*\*  \*\*  \* |
| 20. | Input an alphabet and check it is vowel or not. |
| 21. | Design a calculator. |
| 22. | Write a program Input the marks and print the remarks. |
| 23. | Write a program enter three number and find Largest among 3 numbers. |
| 24. | Write a program to find Average of the elements of an array. |
| 25. | Write a program to find Largest element of an array. |
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| 27. | Write a program input two array and Merge. |
| 28. | Write a program Selection sort. |
| 29. | Write a program Bubble sort. |
| 30. | Write a program Insertion sort. |
| 31. | Write a program for Binary search. |
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| 33. | Write a program for Product of two matrices. |
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| 40. | Write a program for Sum of digits of a number using function. |
| 41 | Write a Cprogramtocopycontentsofonefiletoanotherfile |

**Open-Ended Questions**

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| S.No. | PROGRAMS |
| 1. | A library charges a fine for every book returned late. For first 5 days fine is 50 paise, for 6-10 days fine is one rupees and above 10 days fine is 5 rupees. If you return the books after 30 days your membership will be cancelled. Write a program to accept the number of days the member is late to return the book and display the fine or appropriate message. |
| 2. | With the help of an example explain how an array can be passed to a function? Is it possible to send just a single element of the array to a function? |
| 3. | Define a structure data type called TStruct containing 3 members called hour, minute and second. Develop a program that would assign values to the individual members and display the time in the form 16:40:30 |