

Program list for academic session 2024-2025

1. Write a program to calculate area of rectangle
2. Write a program to calculate area of triangle
3. Write a program to calculate area of cuboid
4. Write a program to calculate area of trapezium
5. Write a program to calculate all the arithmetic operations on the different numeric data type and show their results along with their error (if any exist)
6. Write a program check give number is positive or negative.
7. Write a program check give number is Even or Odd.
8. Write a program to take input from the user and print Quotient and remainder.
9. Write a program to take input from the user and check number is divisible by 2 or 8
10. Write a program print a table of 5.32 with formatting up to 2 decimal places.
11. Write a program to sum the number provided by user (number can be positive or negative)
12. Write a program to find maximum number in the input value (for any type of value).
13. Write a program to convert decimal number to binary number.
14. Write a program to check string is palindrome or not.

Mini Project- Create a fine System for your college

15. Write a program to append the elements in the List.
16. Write a program to take two list by using input function and find the sum of list.
17. Write a program to find the maximum and minimum value in the list taken by the user without using built in function.
18. Write a Program to Perform Liner Search on the list of number taken by the user.
19. Write a Program to remove all occurrences of a specific item from a list

Mini Project- create a password Generator.

20. Write a program to take an input from user, store in dictionary and print the result.
21. Write a program to perform following action the predefined dictionary
 - Access the third element of dictionary
 - Update the fourth index value in the dictionary
 - Add a new item in the dictionary

Mini Project- Create a contact book.

22. Write a program to print following function using function.

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*           1           11111           A
**          11          2222           AB
***         111         333           ABC
****        1111        33           ABCD
*****       11111       3           ABCDE

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23. Write a program to print a list using function

24. Write a program to implemented calculator using module.

25. Write a program to print your age by using datetime module.

26. Write a program to print time (), gmtime() ,localtime (), mktime (), ctime (), asctime ()
with conversion using time module.

27. Write a program to Display the Calendar of a given month, Display calendar of the
given year.

28. Write a program to print year is leap or not and the leap days between 1950 and 2000.

29. Write a code to accept two numbers and display the quotient. Appropriate exception
should be raised if the user enters the second number (denominator) as zero (0).

30. Write a program to caught a specific error with a modified error message for user.