

1. Write a program to print your information.
2. Write a program to enter two numbers and perform all arithmetic operations.
3. Write a program to enter the length, and breadth of a rectangle and find its perimeter and area.
4. Write a Program to calculate the area of an equilateral triangle.
5. Write a program to calculate the perimeter and area of a circle with a given radius.
6. Write a program to find the third angle of a triangle if two angles are given.
7. Write a program that converts Centigrade to Fahrenheit.
8. Write a program that converts Fahrenheit to Centigrade.
9. Write a Program to enter marks of five subjects and calculate the total, average, and percentage.
10. Write a Program to enter P, T, and R and calculate simple interest.
11. Write a Program to enter P, T, and R and calculate compound interest.
12. Write a Program that takes minutes as input and displays the total number of hours and minutes.
13. Write a program to convert specified days into years, weeks and the rest of the days.
14. Write a program to find the power of any number x^y .
15. Write a program to enter any number and calculate its square root.
16. Write a program to find the maximum between two numbers.
17. Write a program to find the maximum between three numbers.
18. Write a program to check whether a number is even or odd.

19. Write a program to check whether a number is negative, positive, or zero.
20. Write a program to check whether a number is divisible by 5 or 11 or not.
21. Write a program to check whether you are eligible to make a NID Card or not.
22. Write a program to check whether the year is a leap year or not.
23. Write a program which can detect if the alphabet is vowel or consonant.
24. Write a program to input the angles of a triangle and check whether a triangle is valid or not.
25. Write a program to find the eligibility for admission to a professional course base on the following criteria:
 - Marks in MATHS ≥ 65
 - Marks in PHY ≥ 55
 - Marks in CHEM ≥ 50
 - Or,
 - Total in all three subjects ≥ 180
 - Or,
 - Total in Math and physics ≥ 140 .
26. Write a program to read the temperature in centigrade and display a suitable message according to the temperature state below:
 - Temp < 0 then Freezing weather
 - Temp 0-10 then very cold weather
 - Temp 10-20 then cold weather
 - Temp 20-30 then Normal in Temp
 - Temp 30-40 then it's hot
 - Temp ≥ 40 then it's very hot.
27. Write a program to read four values a, b, c, and d from the terminal and evaluate the value of (a+b) to (c-d), and print the result, if c-d is not equal to zero.

28. Write a program that takes the integer number of a student and finds out the grade using a switch case statement following the grading system.

A = 90-100

B+ = 87-89

B = 84-86

B- = 80-83

C+ = 77-79

C = 74-76

C- = 70-73

D+ = 65-69

D = 60-64

F = Below 60

29. Write a program to find the sum of all even numbers between 1 to n.

30. Write a program to find the last digit of a given number.