

1. Read two integers and output their sum, difference, multiplication
2. Write a program to calculate the area of a circle given the radius
3. Calculate simple interest given principal, duration and rate of interest
4. Finding a remainder after dividing one number by another.
5. Write a program to read a character and output its ASCII value.
6. Write a program to read a floating point number and output its integer value.
7. Write a program to read a small character and convert it into a capital character.
8. Write a program that asks the user to enter two numbers, obtains them from the user and prints their sum, product, difference, quotient and remainder.
9. Write a program that asks the user to enter the initial velocity and acceleration of an object, and the time that has elapsed, places them in the variables  $u$ ,  $a$ , and  $t$ , and prints the final velocity,  $v$ , and distance traversed,  $s$ , using the following equations.

a)  $v = u + at$

b)  $s = ut + \frac{1}{2}at^2$

10. Write a program that asks the user to enter the total time elapsed, in seconds, since an event and converts the time to hours, minutes and seconds. The time should be displayed as hours:minutes:seconds.
11. Write a program that reads in two integers and determines and prints whether the first is a multiple of the second.
12. Write a C program temp. c that accepts a temperature in Fahrenheit and prints the corresponding temperature in Celsius.
13. Write a C program to accept marks of 5 subjects and calculate the percentage.

#### Conditional Statements:

1. Write a c program to check whether an entered number is odd / even.
2. Program to check POSITIVE, NEGATIVE or ZERO.
3. Write a c program to check whether a person is eligible to vote or not.
4. Write a c program program to find the largest number of the three.
5. C program to check whether a number is divisible by 5 and 11 or not
6. Write a C Program to demonstrate the use of If else-if ladder.
  - a. Program of grading system for fail (<50),
  - b. D grade -marks>=50 && marks<60
  - c. C grade- marks>=60 && marks<70,
  - d. B grade- marks>=70 && marks<80 ,
  - e. A grade- marks>=80 && marks<90
  - f. and A+ - marks>=90 && marks<100.
7. Write Program to demonstrate the example of Switch statement where print month name for the given number
8. Write Program to demonstrate the example of Switch statement that prints word of number. (1- one, 2-two, 3-three).
9. Write a program to check that a given year is a leap or not?