

UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING
COMPUTER SCIENCE DEGREE PROGRAMME

FIRST YEAR

SCS 1202 - Programming Using C

Tutorial 07

1. Write a C program to enter temperature in Fahrenheit and convert to Celsius.
2. Write a C program to convert days into years, weeks and days.
3. Write a C program to find power of any number x^y .
4. Write a C program to make create simple calculator using SWITCH Case Statement. This program takes an arithmetic operator $+$, $-$, $*$, $/$ and two operands from the user. Then, it performs the calculation on the two operands depending upon the operator entered by the user.
5. Write a C program to print multiplication table of any number.
6. Write a C program to check whether the number entered by the user is a palindrome or not.
7. Write a C program to display the largest element entered by the user in an array.
8. Write a C program to sort the array and create the array using user entered values.
9. Write a C program to find cube of any number using function.
10. Write a C program to find diameter, circumference and area of circle using functions.
11. Write a C program to count total number of duplicate elements in an array.
12. Write a C program to count total number of negative elements in an array.
13. Write a C program to copy all elements from an array to another array.
14. Write a C program to add two numbers using pointers.
15. Write a C program to swap two numbers using pointers.
16. Write a C program to find length of string using pointers.
17. Write a C program to copy one string to another using pointers.
18. Write a C program to concatenate two strings using pointers.
19. Write a C program to compare two strings using pointers.
20. Write a C program to find reverse of a string using pointers.