



# DR. SUBHASH UNIVERSITY

Managed by: Dr. Subhash P. Chavda Ahir Kelavani Mandal, Junagadh  
[Established under UGC Act 1956 and Gujarat Private University Act No. 7 of 2022]

## 1DECO301 : Programming with C++

### Practical list: 1

1. Write minimum 5 programs using cin and cout.
  - i. Write a C program to enter two numbers and find their sum.
  - ii. Write a C program to enter two numbers and perform all arithmetic operations.
  - iii. Write a C program to enter length and breadth of a rectangle and find its perimeter & area.
  - iv. Write a C program to enter radius of a circle and find its diameter, circumference and area.
  - v. Write a C program to input elements in array and print all negative elements.
- 2. WAP to convert Fahrenheit into Celsius using class.
- 3. Write C++ program to display “hello world”.
- 4. Write C++ program to print name.
- 5. Write C++ program to swap two numbers.
6. Write C++ program to find the size of int, char, float and double data types.
7. Write C++ program to find simple interest.
8. Write C++ program to find compound interest.
9. Write C++ Program to Check Even or Odd Integers.
10. Write C++ Program to Find Largest Among 3 Numbers.
11. Write C++ Program To Find If A Character Is Vowel Or Consonant using function.
12. Write C++ Program To Print Multiplication Table of a Number.
13. Write C++ Program to Calculate Sum of First n Natural Numbers using function.
14. Write C++ Program to Check Whether a Number is a Palindrome or Not using function.
15. Write C++ Program to Check Whether a Number is Prime or Not using function.
16. Write C++ Program to Check Armstrong Number using function.
17. Write C++ Program to For Fibonacci Number using function.
18. Write C++ Program to Calculate the Power of a Number using function.
19. Write C++ Program to Make a Simple Calculator with the use of switch case.
20. Write C++ program to find factorial of the given number with the use of function.