**C++ Assignments**

**Day1: 27-02-2025**

**Basics Assignments**

1. Print Hello World
2. Add two numbers/binary numbers/characters
3. **Calculate compound interest**
4. Calculate power of a number

**Function Assignments**

1. Swap two numbers
2. Calculate area of rectangle
3. **Get 4 digit number from user, write a function to calculate sum of digits of the 4-digit number:**

* **Using loop**
* **Using recursion**

1. Write a recursive function to obtain n numbers of a Fibonacci series

0 1 1 2 3 5 8 13 21 34 55 89...

1. **Write a function to find the binary equivalent of this number using recursion.**