

Lab 5

Objective: Using the constructs discussed in the class, develop C programs to solve the tasks below. Before starting to code, make sure to write a pseudocode or illustrate a flowchart for each of the problems.

Question 1: Write a program that takes two positive integers from the user and if both of them are in the Fibonacci sequence, then print all the elements of Fibonacci sequence between them. Use *function* to determine if the numbers are present in the Fibonacci sequence and a *function* to print the Fibonacci sequence.

Question 2: Write a program that takes two positive integers from the user and if both of them are in the Fibonacci sequence, then print all the elements that are also Palindrome between. You should write a function to check whether a number is palindrome.