

Lab 2

Exercise 1

Write a program that asks the user for a temperature in fahrenheit. The program should respond with “Hot”, “Warm”, or “Cold” depending on the user’s input.

Exercise 2

The fibonacci sequence is a sequence of numbers where each number is the previous two numbers added together. The first 5 numbers of the fibonacci sequence if: 1, 1, 2, 3, 5.

Create a program that prints the first 20 numbers of the fibonacci sequence using a while or for loop.

Exercise 3

Write a program that asks the user for their name. Have the program output “Not a name!” if their name contains any non-alphabetical characters.

Exercise 4

Write a program that asks the user for a number. Have the program output “Prime number” or “Not prime number” depending on if the number is prime.