**SESSION #3 Arrays and loops**

1. Chapter 3 & Chapter 5 – Java Complete Reference 9th edition – Herbert Schildt
2. [Arrays in Java](https://www.geeksforgeeks.org/arrays-in-java/)
3. [Loops in Java](https://www.geeksforgeeks.org/loops-in-java/)

**TASKS**

**Main:**

1. Given an integer N, print the square root of all integers less than N

Input: 5

Output: 1 4 9 16

1. Display Fibonacci series up to N terms using “while” loop

Input: 10

Output: 0 1 1 2 3 5 8 13 21 34

1. Print all prime numbers within a given range

Input: start=10, end=35

Output: 11 13 17 19 23 29 31

1. Given a multi-dimensional array of integers, find min and max

Input: [[1, 2, 5], [10, 23, 4], [56, 22, 43]]

Output:

Min: 1

Max: 56