**Yoobee Colleges, Wellington**

**Bachelor of Software Engineering**

**CS102 Development Principles (c++) - Lab 2**

**(9th March 2021– 16th March 2021)**

Write a program to generate prime numbers between any two different numbers. Allow the user to provide starting and final numbers. (Proceed to verify the starting number is lower than the final number. – optional)

**Expected output**

1) First set of data

Prime Number Generation

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Enter starting number: 20

Enter final number :70

Prime List between (20 and 70) :23 29 31 37 41 43 47 53 59 61 67

Total prime numbers between (20 and 70) :11

2) Second set of data

Prime Number Generation (optional)

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Enter starting number: 56

Enter final number :22

"Please make sure your final value is bigger than the starting number"

**Submission process:**

Please zip your application and submit into the provided Moodle link. Also push it to the github.

Marking Guide: (Total: 2.5 Mark)

1. Comment statements handled well - 0.5
2. Indentation managed well - 0.5
3. Loop handled well - 0.5
4. Prime list generated - 0.5
5. Prime count managed well - 0.5