Color Ramp Coding Test

# Introduction

Application produces color ramp values based on the input corner values. For full details please see Coding Test.docx in this folder.

# How to Build / Run Info:

Cd 1. To build application (on command prompt / terminal )

-> cd Bilinear\_Interpolation

-> make

A screenshot of a cell phone

Description automatically generated

# 2. To run application (on command prompt / terminal )

-> ./ramp <argv1> <argv2> <argv3> <argv4>..

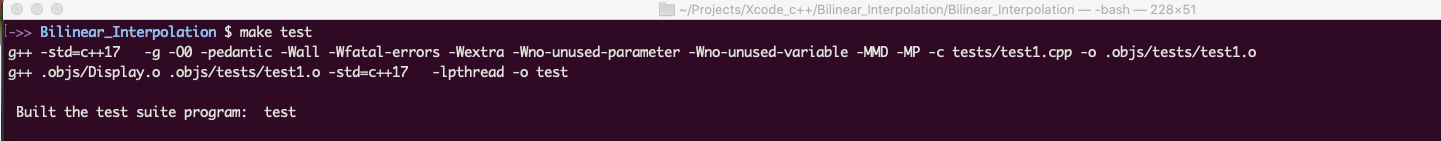
A screenshot of a cell phone

Description automatically generated

# 3. To build Unit Test (uses Catch2) (on command prompt / terminal )

-> cd Bilinear\_Interpolation

-> make test



# 4. To run Unit test ( on command prompt / terminal )

-> ./test



# Some Notes

=> g++ compiler with C++17 is used.

=> All source code with makefile in the Bilinear\_Interpolation folder.

=> All testing code including the catch2 test header in the tests folder.