#include "box.h"

#include <gtest/gtest.h>

namespace {

TEST(Box, Empty\_Cosnstructor) {

Box B1;

EXPECT\_EQ(0, B1.length());

EXPECT\_EQ(0, B1.breadth());

EXPECT\_EQ(0, B1.height());

}

TEST(Box, Parameterized\_Cosnstructor) {

Box B1(1,2,3);

EXPECT\_EQ(1, B1.length());

EXPECT\_EQ(2, B1.height());

EXPECT\_EQ(3, B1.breadth());

}

TEST(Box, Copy\_Cosnstructor) {

Box B1(1,2,3);

Box B2(B1);

EXPECT\_EQ(1, B2.length());

EXPECT\_EQ(2, B2.height());

EXPECT\_EQ(3, B2.breadth());

}

}