[TestClass]

public class UnitTest4

{

Book b1, b2, b3;

Amulet a1, a2, a3;

Course c1, c2;

CourseRepository courses;

BookRepository books;

AmuletRepository amulets;

[TestInitialize]

public void Init()

{

// Arrange

b1 = new Book("1");

b2 = new Book("2", "Falling in Love with Yourself");

b3 = new Book("3", "Spirits in the Night", 123.55);

a1 = new Amulet("11");

a2 = new Amulet("12", Level.high);

a3 = new Amulet("13", Level.low, "Capricorn");

c1 = new Course("Eufori med røg");

c2 = new Course("Nuru Massage using Chia Oil", 157);

courses = new CourseRepository();

books = new BookRepository();

amulets = new AmuletRepository();

// Act

books.AddBook(b1);

books.AddBook(b2);

books.AddBook(b3);

amulets.AddAmulet(a1);

amulets.AddAmulet(a2);

amulets.AddAmulet(a3);

courses.AddCourse(c1);

courses.AddCourse(c2);

}

[TestMethod]

public void TestGetBook()

{

// Assert

Assert.AreEqual(b2, books.GetBook("2"));

}

[TestMethod]

public void TestGetAmulet()

{

// Assert

Assert.AreEqual(a3, amulets.GetAmulet("13"));

}

[TestMethod]

public void TestGetCourse()

{

// Assert

Assert.AreEqual(c1, courses.GetCourse("Eufori med røg"));

}

[TestMethod]

public void TestGetTotalValueForBook()

{

// Assert

Assert.AreEqual(123.55, books.GetTotalValue());

}

[TestMethod]

public void TestGetTotalValueForAmulet()

{

// Assert

Assert.AreEqual(60.0, amulets.GetTotalValue());

}

[TestMethod]

public void TestGetTotalValueForCourse()

{

// Assert

Assert.AreEqual(2625.0, courses.GetTotalValue());

}

}