Pass Task 5+6+9+11 – Shape Drawer

Related Learning Outcomes

ULO1 – Explain the OO Principles

The task explains the concept of aggregation in Object-oriented programming, as well as the concepts of inheritance, subtype polymorphism, abstract classes/methods and virtual methods, and how to use them to create families of classes that can share methods from a single base class.

ULO2 – Use OO Language and Library

This exercise provides a basic example of coding a program in C# using the SwinGame library.

ULO3 - Design, Develop and Test using an IDE

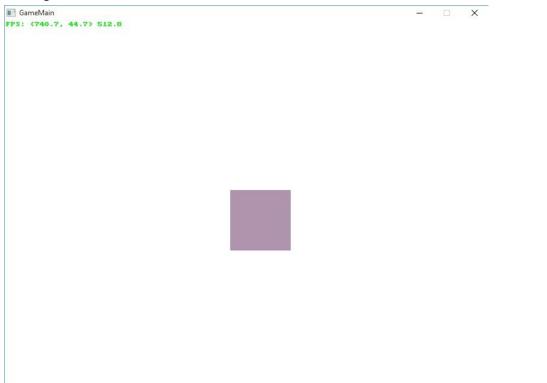
The task demonstrates how to use perform testing on program algorithm with nUnit in Xamarin Studio Task 9 also demonstrates the process of Test Driven Development and how to apply it with Xamarin Studio.

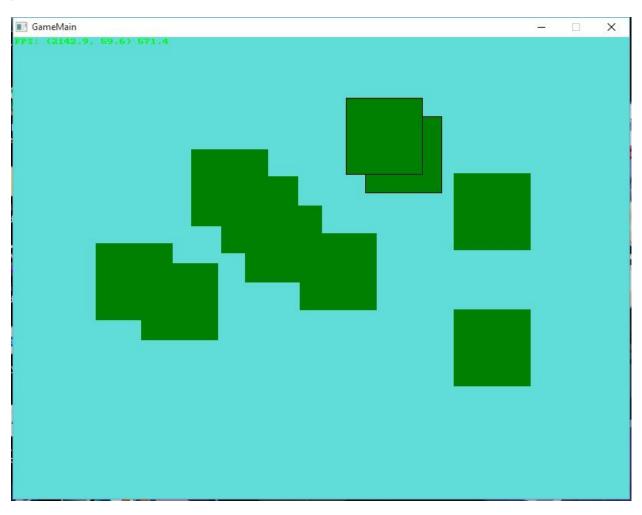
ULO4 – Communicate using UML Diagrams

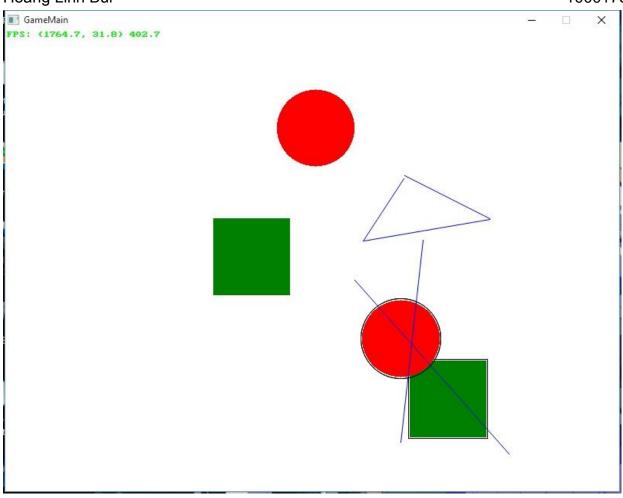
The task shows how to demonstrate aggregation in UML diagrams.

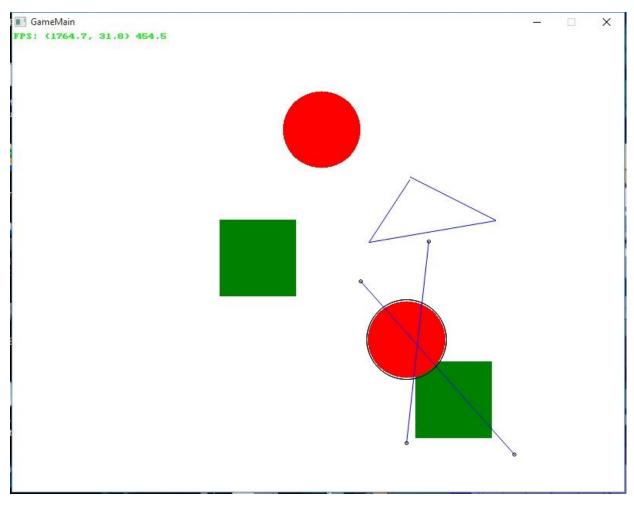
ULO5 – Describe Elements of Good OO Design

Code running









Unit Testing:

