Faculty of Science, Engineering and Technology

Object Oriented Programming

Distinction Task 10.2: Other Language Report

Overview

So far we have looked at object oriented programming using the C# language. In this task you will compare the features of C# with that of another language to demonstrate similarities as well as differences in how languages are used.

Purpose: See that the principles you have learnt apply equally to other object oriented programming languages.

Task: Review the features of C# and another language and compare them for similarities and differences, commenting on how this changes your approach to software design.

Time: Aim to complete this task by the end of the semester.

Resources:

Submission Details

You must submit the following files to Doubtfire:

- Language report

Instructions

Review the features of another programming language and compare them to those of C#. List the main differences and discuss how these differences effect program design or implementation.

> **Note**: You need to demonstrate the ability to compare and contrast languages. Choose a language that has some key differences and focus on those. You want to demonstrate depth of understanding.

Provide at least the following:

- Comparison of main language features

- In depth analysis and discussion of one key difference

- Sample code in both languages illustrating the difference.

- Illustrations or diagrams are strongly recommended.

The report must be no more than 4 pages.

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