SIT771 Object-Oriented Development

Credit Task 4.4: Concept Visualization 1

Focus

By focusing on the following, you will be able to gain enough understanding about the Unit and you will be able to demonstrate effectively what is expected.

- Process:

  Focus on demonstrating and reflecting on your grasp of core programming concepts through creative and effective visualizations.

Overview

To meet the credit and higher, standard you need to be able to demonstrate that you have developed a good understanding of the concepts associated with the unit.

For this task, you will develop some form of visualization that aims to communicate the core concepts you have learned to others.

> **Note:**
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> To be eligible for a Distinction grade, you need these concept visualizations to clearly communicate the concepts. You want them to be of a standard where we would be happy to show them to others as good visualizations of the concepts. This doesn't mean they need to be large and complex, quite the opposite. Aim for your visualizations to be clear and concise.
>
> You will get feedback on the quality of your communication via the Quality Points associated with this task when it is assessed. Get 4 or 5 stars and we think you have done a great job; 3 stars is average; 1 or 2 stars means it's acceptable but not great.

Submission Details

Submit the following files to OnTrack.

- An image of your visualization.
- An explanation of your visualization (PDF)

Spend some time reflecting on what you have learned, focus on the concepts and ideas, how they work, and how they are related. You want to demonstrate that you have really understood these ideas.

Instructions

Design one or more visualizations to communicate your understanding of the core concepts listed below.

For example, you could design a poster to help others learn the concepts, or you could create a concept map, mind map, picture, comic, or any other visual form.

Concepts for this visualization include:

- Classes and object
- Constructor, method, field, property
- Control flow: sequence, selection, repetition

In your explanation PDF, write a couple of paragraphs (definitely no more than half a page) on what you are trying to communicate. This is for the teaching team to read, so you can assume that the person reading it has a good understanding of the concepts. Your text should relate to how *you* are *communicating* these concepts in your visualization.

We look forward to seeing what you create.

It would be great if you could share this with others on the discussion board.

Remember to back up your task and submit your work to OnTrack for feedback.