**School of Computing**

**4COSC008C Trends in Computer Science Module**

# Tutorial Week 3

**Task 1**

Complete work from the previous tutorial, where appropriate.

You might find useful the table provided in the second part of this Credo article

# <https://search.credoreference.com/articles/Qm9va0FydGljbGU6NDU2MDc3Nw==?q=high_level_language>

# Task 2

Consider the Coursework 1 specification on Blackboard. Do share any questions you might have with your tutor.

# Task 3

1. What is a Von Neumann computer? Can you try to describe the Von Neumann architecture in approximately 50 words? Feel free to research the term for your anwer.
2. Now can you try to compare a Von Neumann computer to a Quantum computer? What are their difference(s)?

You might want to use the Credo Reference Database for your response. To access Credo, if you did not use it last week,

1. Go to Library search [www.westminster.ac.uk/librarysearch](http://www.westminster.ac.uk/librarysearch)
2. Sign in to Library Search using your University login and password.
3. Write *Credo* reference in the search bar. Select Credo reference.
4. You are ready to research different terms in Credo’s search bar.
5. Discuss your response with the class.

# Task 4

In preparation for Coursework 1, visit the following LinkedIn Learning course. Do not forget to access it via library search and sign in with your University login name and password.

<https://www.linkedin.com/learning/teamwork-foundations-5/teamwork-is-the-core?u=42314660>

Observe the **headings** of chapters 1, 2 and 3(you can watch the videos later, as part of your independent study):

* + The Importance and benefit of team working
  + Is it natural to work in a team?
  + Nobody is perfect!
  + A shared vision of success!
  + Difficulties that teams always face.

1. Do these headings surprise you in any way? Share your views with your class.
2. Attempt the chapter 1, 2 and 3 quizzes. Do the results surprise you in any way?

# Task 5

Prepare a Work Break Down Structure (WBS) for your CW1 team. Elaborate each sub-topic further with more achievable task breakdown and time allocation.

You may use;

* Tree hierarchy
* Tabular structure
* Mind-Map

to generate the WBS.

(Do not forget to present your WBS at the end of live group presentation- One per team)

# Independent Study

1. Watch the team work LinkedIn Learn video under Task 4 (you can spread your viewing across the next three weeks). Do not forget to access LinkedIn Learn via library search, and sign with your University login and password.