SCC141
Seminar 2 (weeks 3 and 4)

Who we are – seminar leaders

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Seminars 2 (Weeks 3 & 4)

Each seminar has been designed to help you with the assignment (the report):

- Seminar 2 is linked to Section 1 (Weeks 3 & 4)

- Seminar 3 is linked to Section 2 (Weeks 5 & 6) + (Weeks 7 & 8)

Please use seminars 2, 3 to work on the assigned exercises

Seminars 2, 3 are also your opportunity to ask for some initial feedback on the work you have done so far for your assessment.

Today's seminar

Goal: to identify and discuss about computing skills of the past (1), of the present (2) and of the future (3)

Section 1: What are the skills and characteristics that make a good computing professional? (~400 words)

> Guidance notes: You must include a reflection on the skills of the future (drawing on seminar 2 exercise)

Today's seminar's activities

1. Computing skills of the past - 15 minutes

2. Computing skills of the present - 15 minutes

3. Computing skills of the future - 15 minutes

1. Computing skills of the past

Time: 15 min

1. Do some research on a historically important computer scientist

2. What skills did they have and need?

3. Are these skills still required?

Feel free to choose someone you are interested in but here are some ideas: Alan Turing, Ada Lovelace, Grace Hopper, Peter Landin

2. Computing skills of the present

Time: 15 min

1. Search for a job that you are interested in and have a look at the job description and personal criteria

2. What are the key skills and characteristics that stand out to you? Any surprises? Anything that you think is missing?

3. Do your current skills match this list? Are there skills you have that are not represented?

Tips for where to look for jobs: LinkedIn, technojobs.co.uk

3. Computing skills of the future

Time: 15 min

Make a list of skills that:

    a)   Won't be useful in 15 years' time

    b)   Will still be useful in 15 years' time

Ask your self: How do you think computing skills are going to change in the future? In particular, how do you think AI is going to change computing work?