

Pair and group task 1.5

i. Research one of the following topics (1a, 1b, 2a, or 2b) in pairs:

1a: ELIZA (early chatbot system)

1b: Siri (Apple chatbot system)

2a: Deep Blue/Deep Thought (IBM high level chess-playing system)

2b: AlphaGo (Lee version) (Go-playing system)

3a: Perceptrons

3b: Neural networks

4a: The First AI Winter (1974 – 1980) and the events leading to up to it.

4b: The development of Expert Systems and the Second AI Winter (1987 – 1993)

5a: Wabot 1

5b: Myon

ii. Organize your findings under the following findings:

- a.** The background behind the programme (who developed the system, why, where and when it was developed etc.)
- b.** How the system functions (internally and, if relevant, for the user)
- c.** What kind of AI (if any) underpins and supports the functioning of the system (hard/soft/game AI etc.) Explain and justify your characterization of the AI

iii. Make a group of four with your opposite numbers and produce a short presentation that compares and contrasts the older with the newer system under the above headings, as well as:

- d.** Conclusion: In what ways have AI systems advanced in these areas? What factors and circumstances (technological, financial, economic, social, historical, organizational etc.) have made these developments possible?