

## Computer Science Theory – Guidelines

- **Understand** the topic by using the materials provided, then
- **Summarise** your understanding in notes & images.

All pages must be numbered, 1 to 40 with one topic per page, per week.

Each homework must meet the following 5 requirements:

1. Write the complete **title and date in full** eg. *Tuesday 12<sup>th</sup> September 2017* on each page, **underlined**
2. You should include a **minimum of words** to summarise the topic. Do not copy the words from the text.
3. Make **full use of the page** for each topic by scaling your notes & images appropriately to use of all the space.
4. You must include **diagrams, sketches** or **cartoon doodles** to visually represent the topic, try to use humour.
5. **Highlight key words** and phrases, using underline, highlighter pens. Explain technical terms.

Visit the MOOC at <http://courses.exa.foundation> as it has links to page numbers and online resources that will help you.

Page	List of topics.
1	Systems architecture (1)
2	Systems architecture (2)
3	Systems architecture (3)
4	Systems architecture (4)
5	Systems architecture (5)
6	Memory (1)
7	Memory (2)
8	Memory (3)
9	Storage
10	Wired and wireless networks (1)
11	Wired and wireless networks (2)

12	Wired and wireless networks (3)
13	Wired and wireless networks (4)
14	Network topologies, protocols and layers (1)
15	Network topologies, protocols and layers (2)
16	Network topologies, protocols and layers (3)
17	Network topologies, protocols and layers (4)
18	Network topologies, protocols and layers (5)
19	System security (1)
20	System security (2)
21	Systems software (1)
22	Systems software (1)
23	Ethical, legal, cultural and environmental concerns (1)
24	Ethical, legal, cultural and environmental concerns (2)
25	Ethical, legal, cultural and environmental concerns (3)
26	Computational Logic (1)
27	Computational Logic (2)
28	Computational Logic (3)
29	Translators and facilities of languages (1)
30	Translators and facilities of languages (2)
31	Translators and facilities of languages (3)
32	Data representation (1)
33	Data representation (2)
34	Data representation (3)
35	Data representation (4)
36	Data representation (5)
37	Data representation (6)
38	Data representation (7)
39	Data representation (8)
40	Data representation (9)