Subject	Information Technology BTEC Level 3
Context / relevance	There are 4 main aims of Information Technology Course, Unit 1: Information Technology Systems Unit 2: Cyber Security and Incident Management Unit 3: Website Development Unit 4: Relational Database Development The following tasks will help you to gain an overview/refresher of the Programming Skills for Website Design and The Impacts of Computer Systems in Society that you will need to master/know for the Information technology A-level.
Securing	During the first year of the course, you will develop an interactive website for a scenario set by the exam board. There you will need to be able to code using HTML, Java script and CSS. Use the online tutorial to get familiar with HTML HTML Tutorial
Processing	Ethical, Legal, Cultural and Environmental Concerns: Find a recent news story on one of the following topics: • A legal issue in computing, such as a breach of the Data Protection Act • An ethical issue in computing, such as the development of AI • An environmental issue in computing, such as the disposal of waste equipment • A technical development in computer science, such as the Internet of Things Summarise the story, explaining any technical content for a student in year 10. Explain how the story affects you as a student of computer science Read through the article from the **Digital Divide Council** - provides insights into the digital divide and the importance of technology in education. It includes case studies and discussions on how digital devices are impacting various fields. Blog | Digital Divide Council
Exploring	• Research SEO (Search Engine Optimization and investigate their what it is and how this is implemented. • Read through the content on Evaluating Websites • **University of Reading** – Evaluating websites: https://libguides.reading.ac.uk/evaluating-websites
Reviewing	Reflect on what you have learned through this work by doing the following: • Note down 5 new things that you found most interesting • What did you find most challenging and what did you feel most confident with? • Write down 3 questions that you would like to ask your teacher about the topic area(s) that you have been introduced to