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| What is the relationship between colour depth and file size | What is the main difference between a general-purpose computer and an embedded system | What is a left bit shift |
| What is the difference between an interpreter and a compiler | What are the different issues surrounding technology | What is the Digital Divide and why is it a cultural issue |

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*What is the relationship between colour depth and file size*

**Higher colour depth means larger file size.**

*What is the main difference between a general-purpose computer and an embedded system*

**Answer: The main difference between a general-purpose computer and an embedded system is that embedded systems have all their components on a single circuit board.**

*What is a left bit shift*

**A left bit shift doubles a binary number in size.**

*What is the difference between an interpreter and a compiler*

**An interpreter takes the code one instruction at a time, translates and runs the instruction, before translating the next instruction, while a compiler takes the whole code and converts it into machine code before running it.**

*What are the different issues surrounding technology*

**Ethical, legal, privacy, environmental, and cultural.**

*What is the Digital Divide and why is it a cultural issue*

**A disparity between those who have access to technology and those who do not, which worsens the gap for those countries with low IT literacy levels and skills, who are less likely to be able to compete in the modern world.**

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