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Section: A

1. Object-Oriented Programming is when we design websites using HTML and CSS. It is used mostly in front-end development. Procedural programming is used for making mobile apps. OOP uses colors and layouts while procedural is for hardware communication.

2. Normalization is when we turn images into text for storing in database. It helps to keep the file sizes small. This is important because otherwise the database can get viruses and crash. It also helps in making backup copies faster.

3. Deadlock is a type of antivirus software that locks the files so hackers cannot access them. It is caused when Wifi connection is low or if the CPU is

overheated. To prevent deadlock, we should always shut down the computer properly and install updates regularly.

4. Compiler is used in printers and interpreter is used in scanners. Compiler works only when the device is connected to the internet. Interpreter helps to print barcodes. Compiler uses ink, interpreter uses light. That's the main difference.