

## Lesson-1: A Quick Refresher & General Knowledge

**Let us discuss the basics first!**

**What are the basic components of a computer?**

- CPU
- Primary Memory (RAM)
- Secondary Memory (HDD)
- Input Devices (Keyboard, Mouse, etc.)
- Output Devices (Monitor, Printer etc.)
- Communication Devices (NIC, Modem etc.)

**Give few examples of programming languages.**

- C, C++, Python, Java, C# etc.

**Give few examples of operating systems.**

- Apple's Mac OS, GNU/Linux, Microsoft Windows

**How long will it take to become a professional programmer?**

- Good Conceptual Knowledge
- Good At Logical Thinking
- Good At Debugging

**How long will it take to become a professional programmer?**

- Amount of practice, Quality of practice

**What is System Software and Application Software?**

- OS, Compilers, Interpreters (System Software)
- Amazon.com, MakeMyTrip.com (Application Software)

**Which is the best programming language?**

**What are the different domains in the IT industry?**

- Embedded, Telecom, Healthcare, E-Commerce, Finance, Banking, Automotive etc.

**How many programming languages to learn?**

**Exercise:**

- Watch the basics of digital electronics video completely.