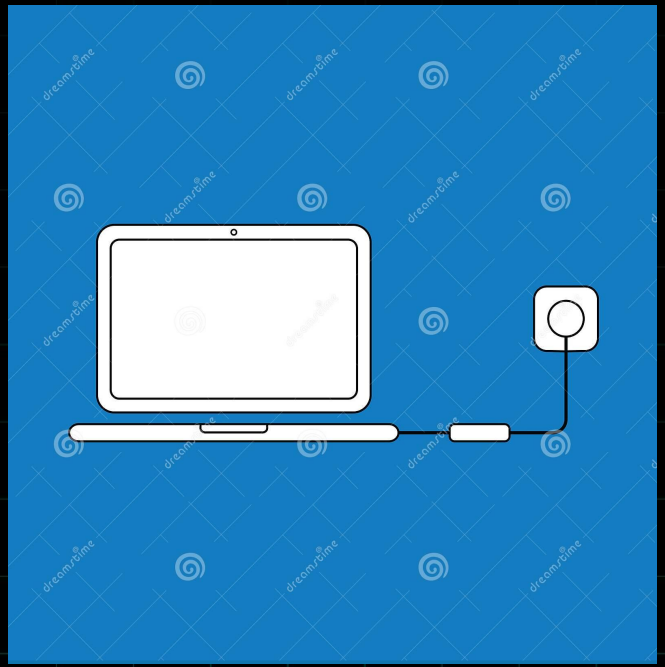
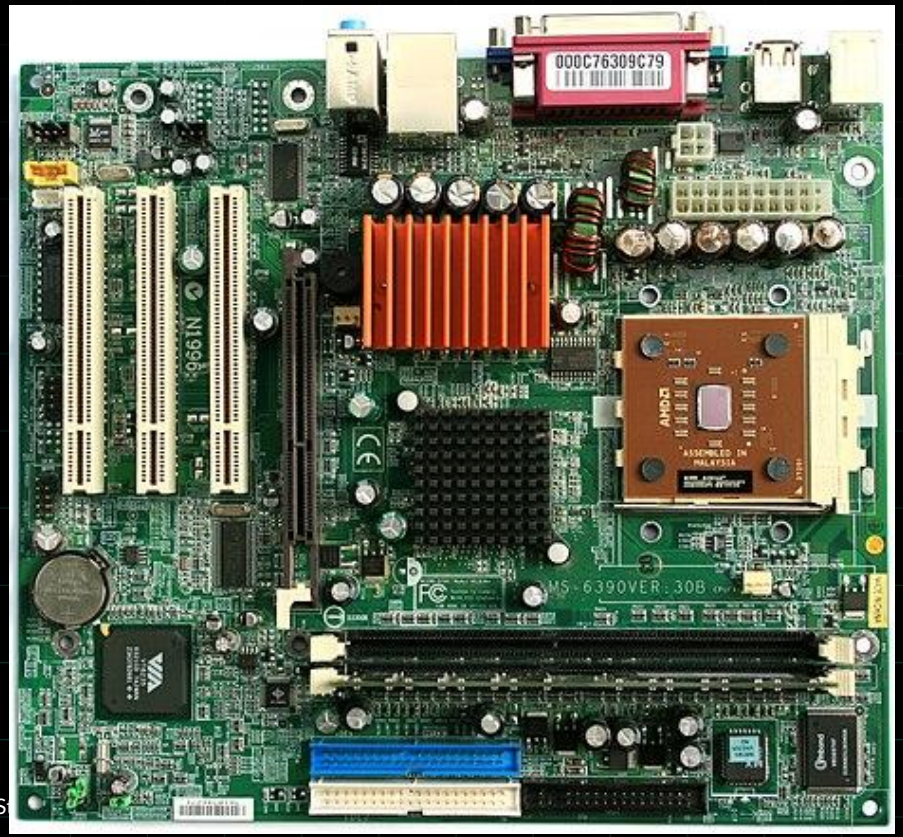
HOW COMPUTER WORKS

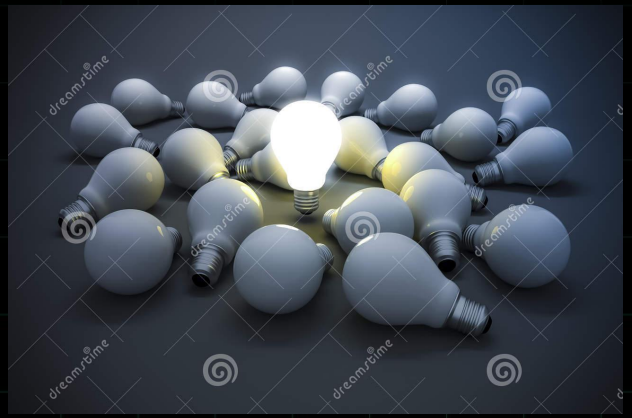
College of Science & Technology, Royal University of Bhutan

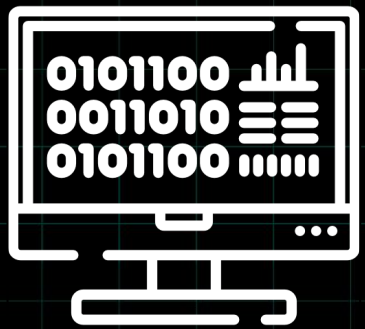
UNDERSTANDING COMPUTERS



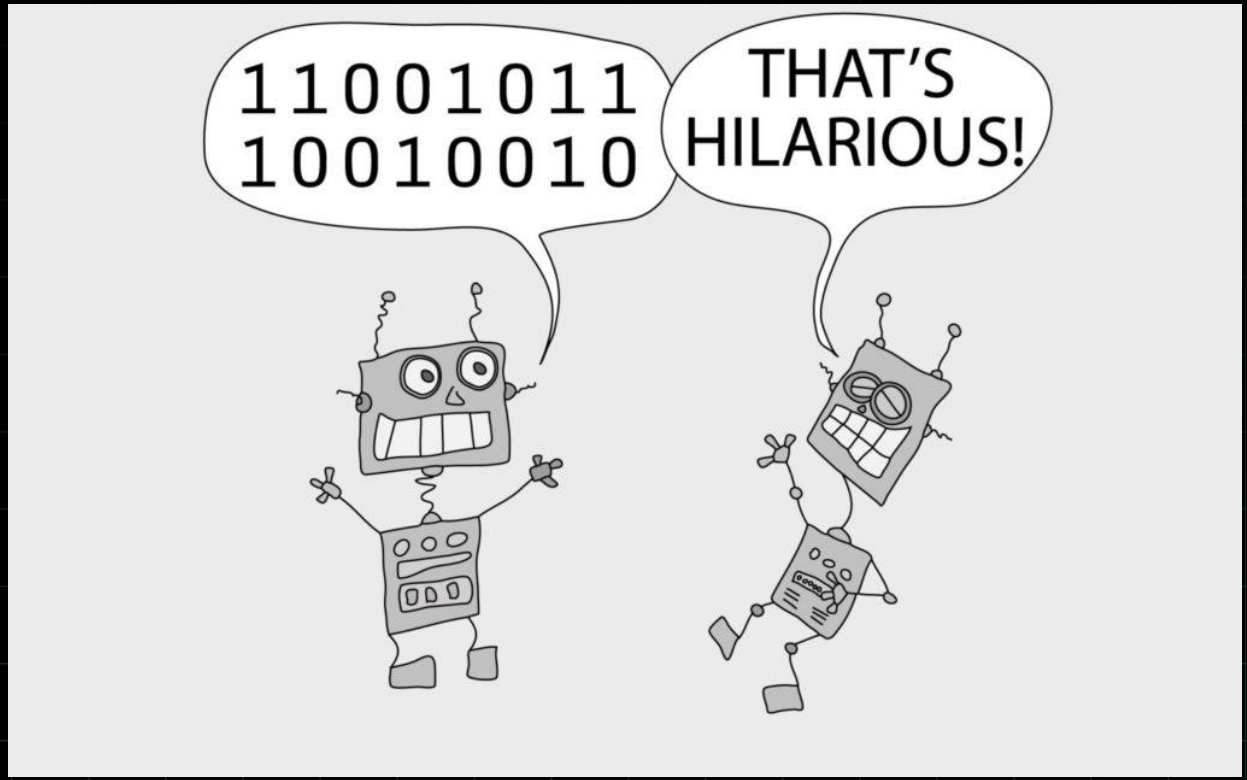
UNDERSTANDING COMPUTERS





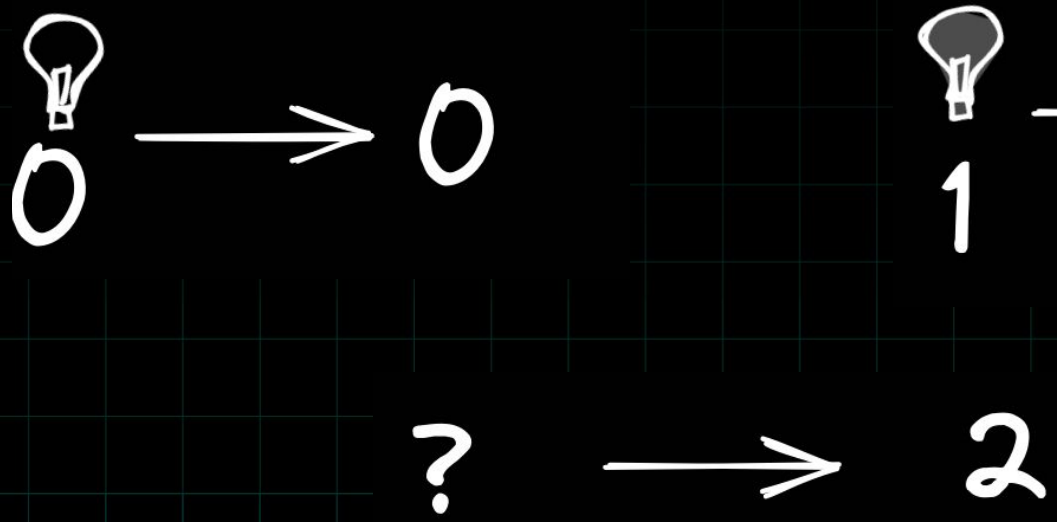


UNDERSTANDING COMPUTERS



COMPUTERS x HUMANS

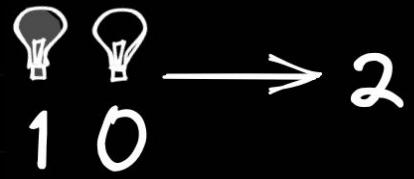
How can we represent the human number system to the computers?

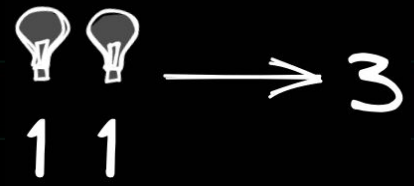


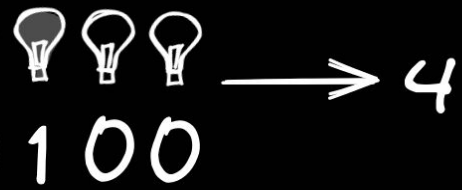
COMPUTERS x HUMANS

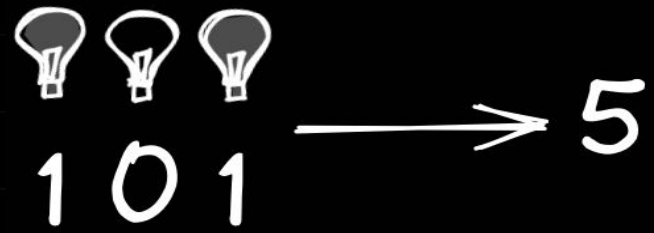
Hint (How we humans count):

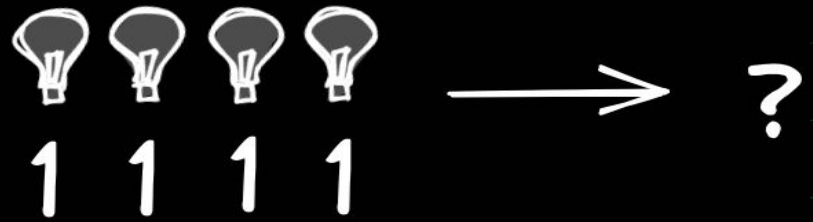
COMPUTERS x HUMANS



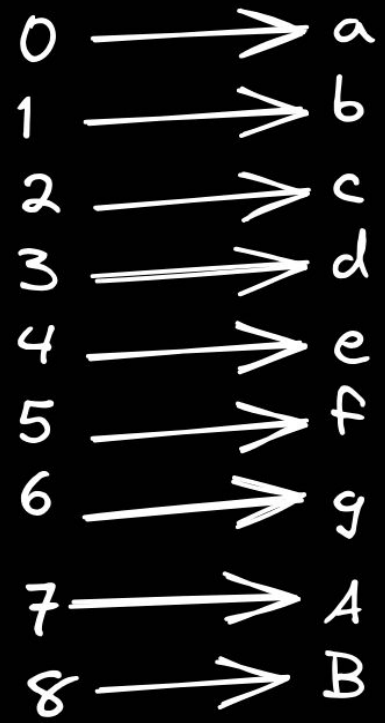


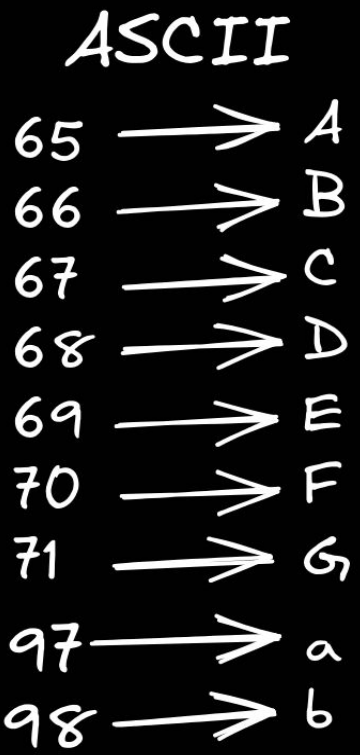




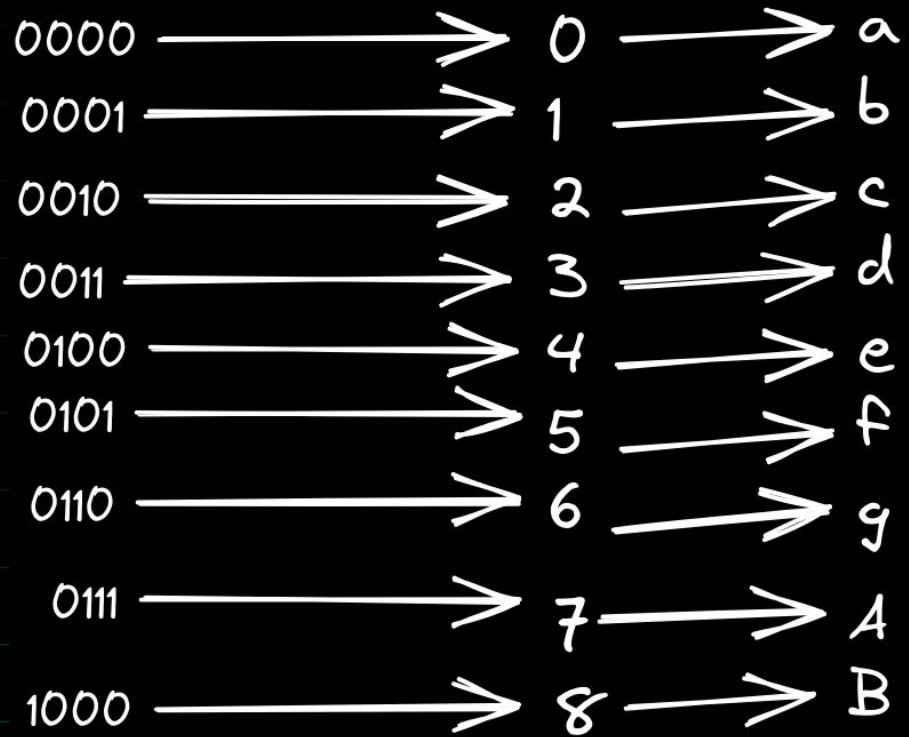


COMPUTERS x HUMANS

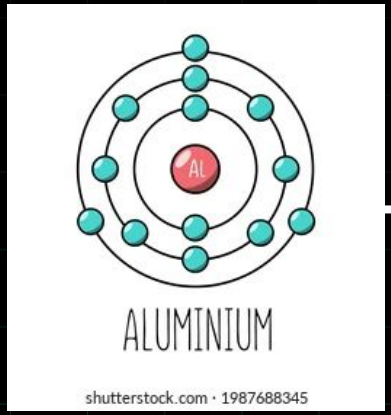




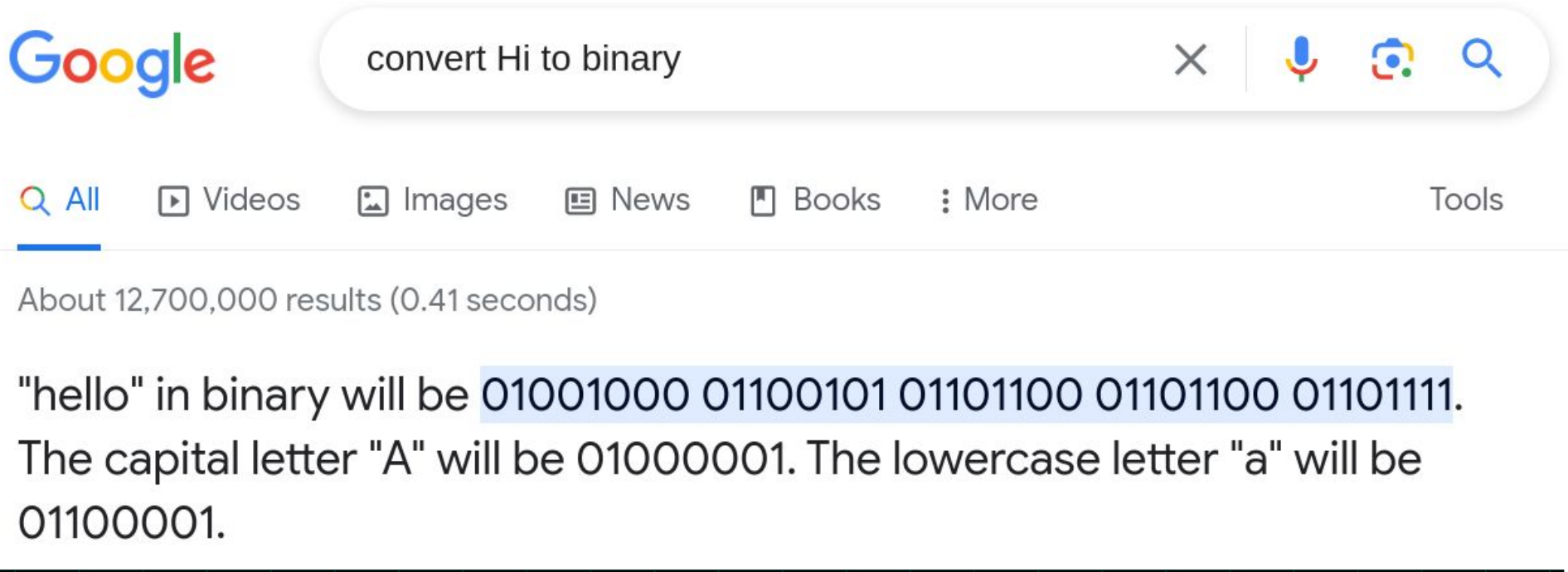
ABSTRACTION



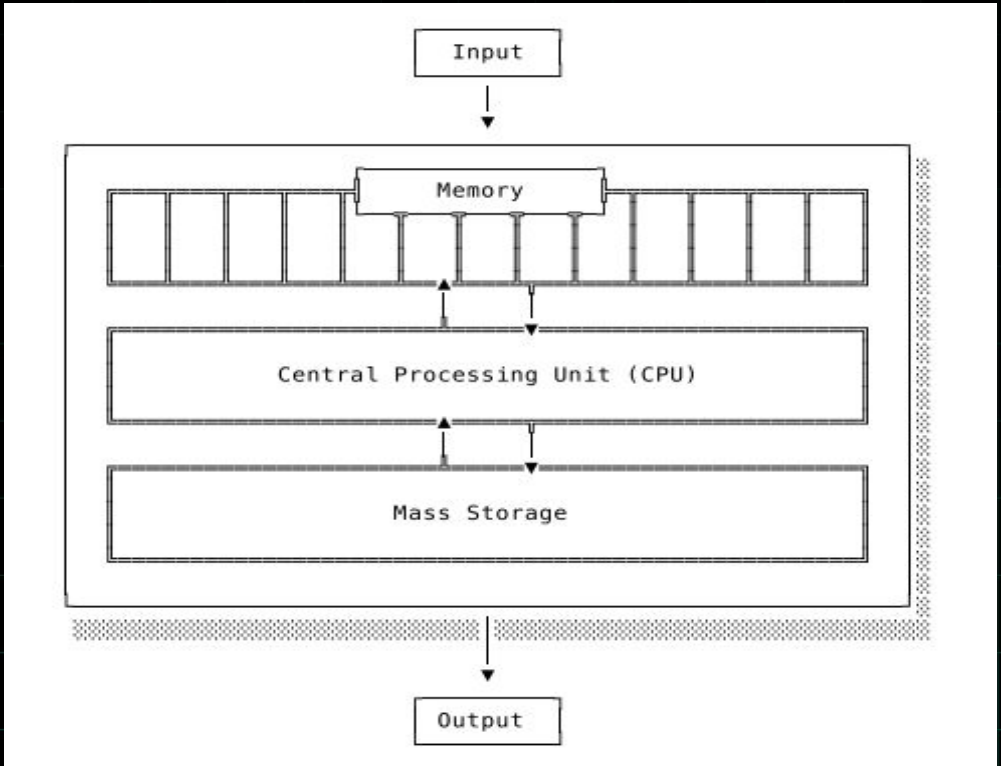
ABSTRACTION

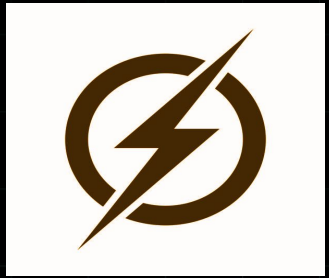


ABSTRACTION



ABSTRACTION





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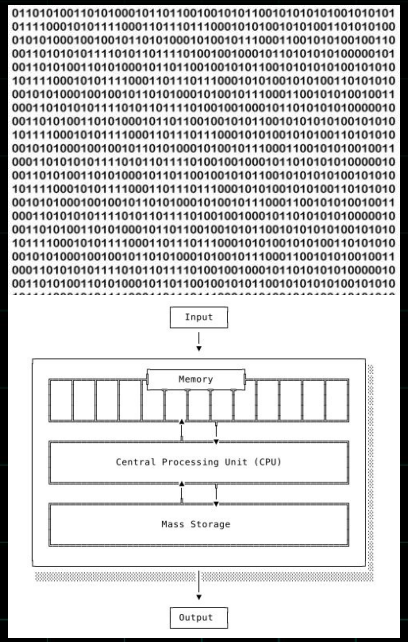

Abstraction

TAKEAWAYS

- Abstraction
- Input → Computer → Output

MATERIALS

Article: How a computer works

Video series by Code.org

1. Introducing how computers work
2. What Makes a Computer, a Computer?
3. Binary and Data
4. Circuits and Logic
5. CPU, Memory, Input and Output

FAQs

“Any queries or further clarifications needed?”

Thank you!

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