

COMPUTATIONAL THINKING



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CODE

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What is CT



- is problem-solving approach derived from computer science
- applicable across many fields beyond programming
- enable individuals to solve complex problems using structured method like algorithmic processes

What is CT



- logical reasoning and abstraction
- essential in the digital age for understanding
- and utilizing technology effectively

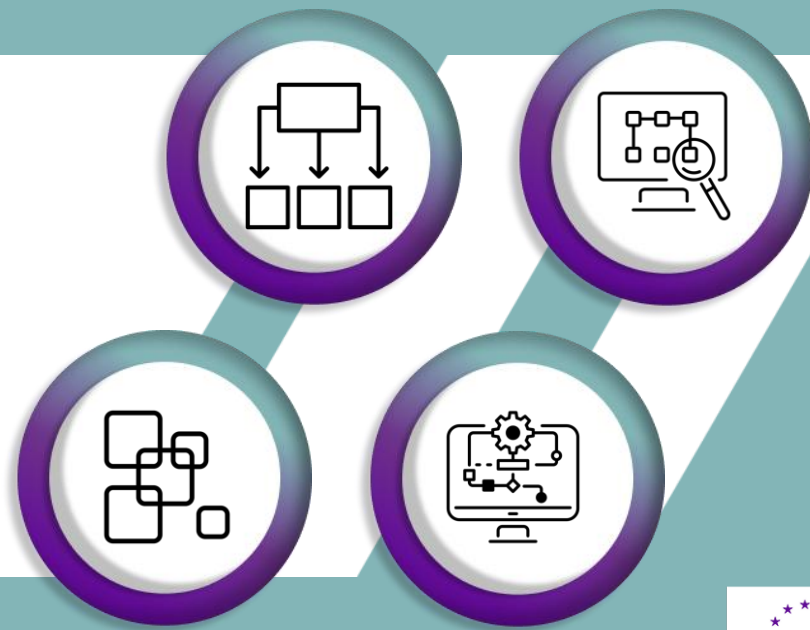
Computational Thinking

1 Computing Thinking CT IS



Four key compotents

1. **Decomposition**
2. **Pattern recognition**
3. **Abstraction**
4. **Algorithm design**



Importance of CT



- enhances problem-solving skills
- fosters creativity
- prepares for the digital future
- applicable in various fields:
mathematics, biology, business



CT in practice



- software development
- data analysis
- machine learning
- solving everyday challenges



How to learn CT

- practice solving problems
- collaborate with others
- engage in creative tasks with multiple solutions
- apply CT in real-world situations



Thank you for your attention!



Stay tuned for the next presentation!

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