



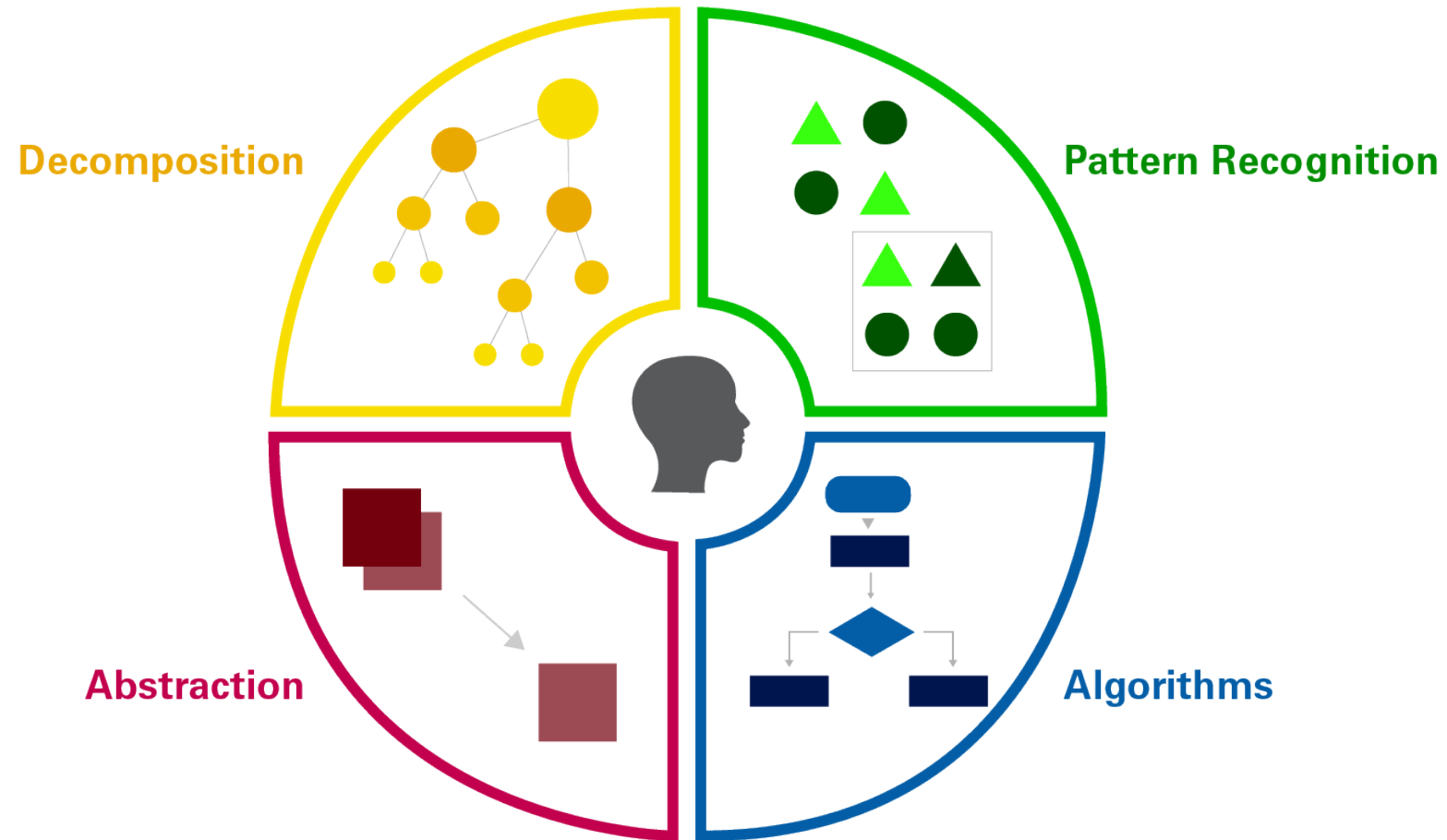
# CT-1.2

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Decomposition

Susan Davidson

# Pillars of Computational Thinking



# Decomposition

- Breaking a complex problem into more manageable sub-problems
- Putting the solutions to the sub-problems together gives a solution to the original, complex problem



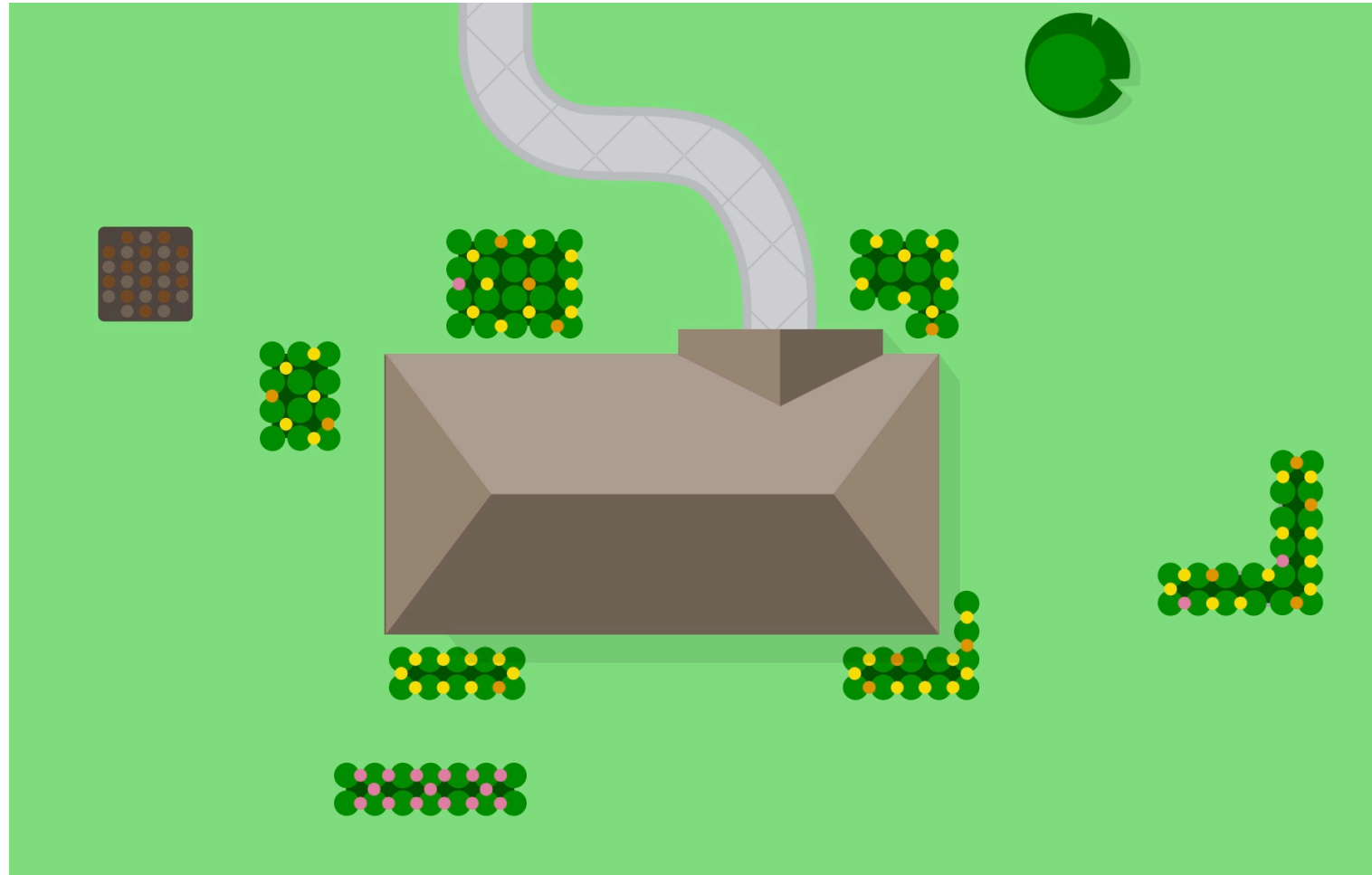



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# Mulching the Yard

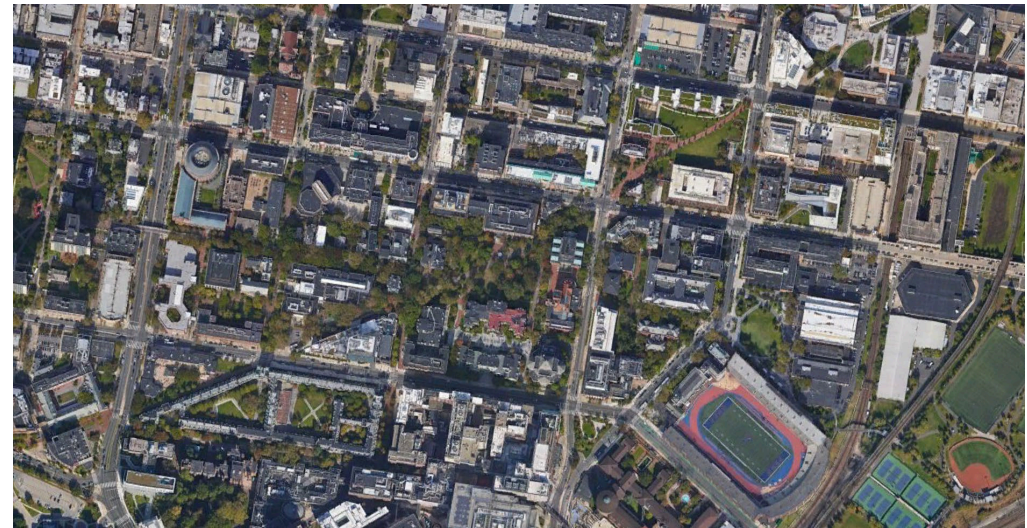
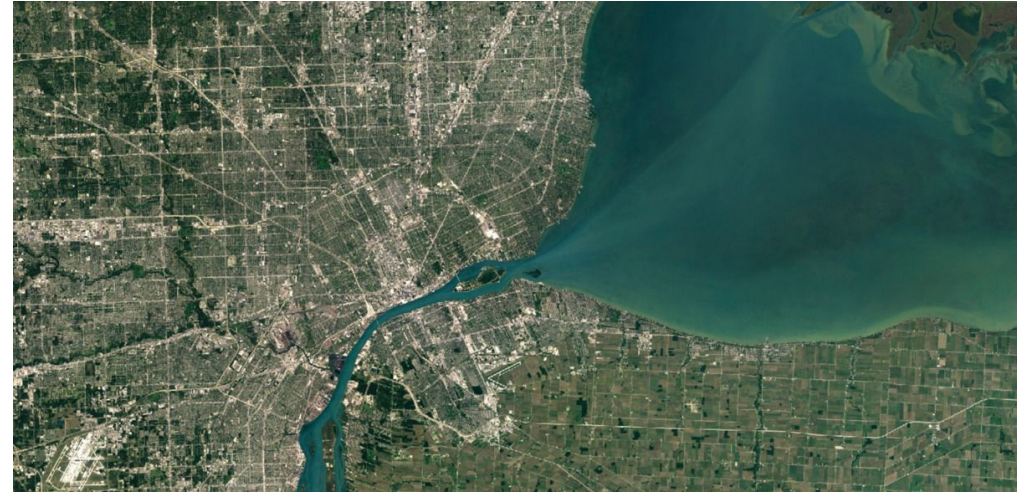


# Mulching the Yard





# Mapping the Earth





# Collecting the Data



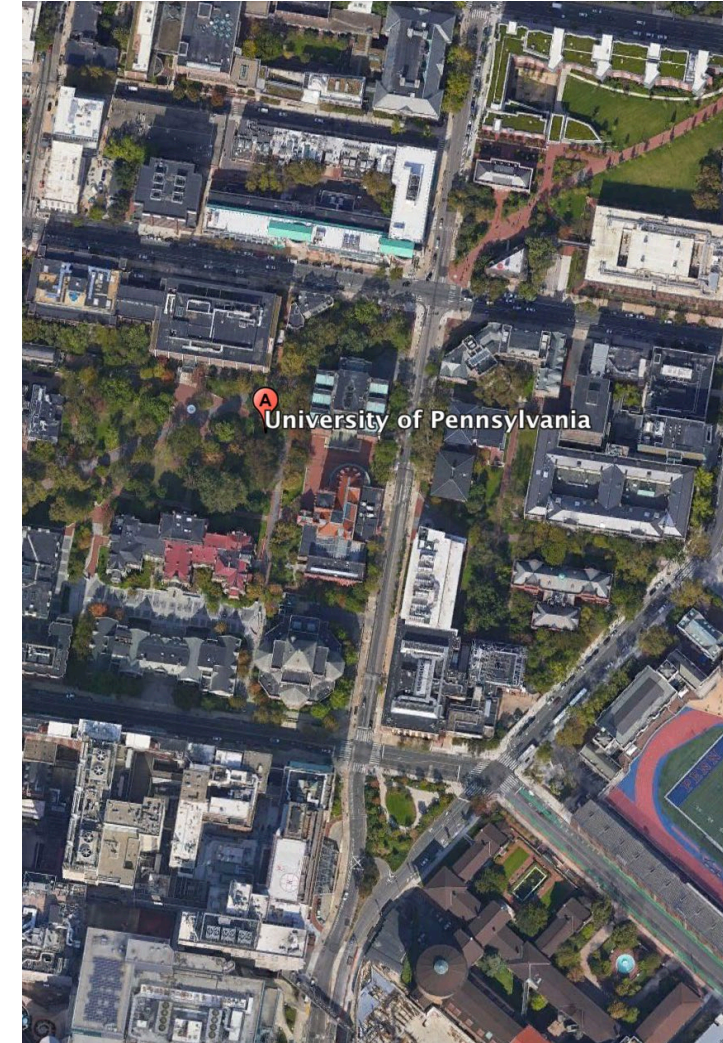
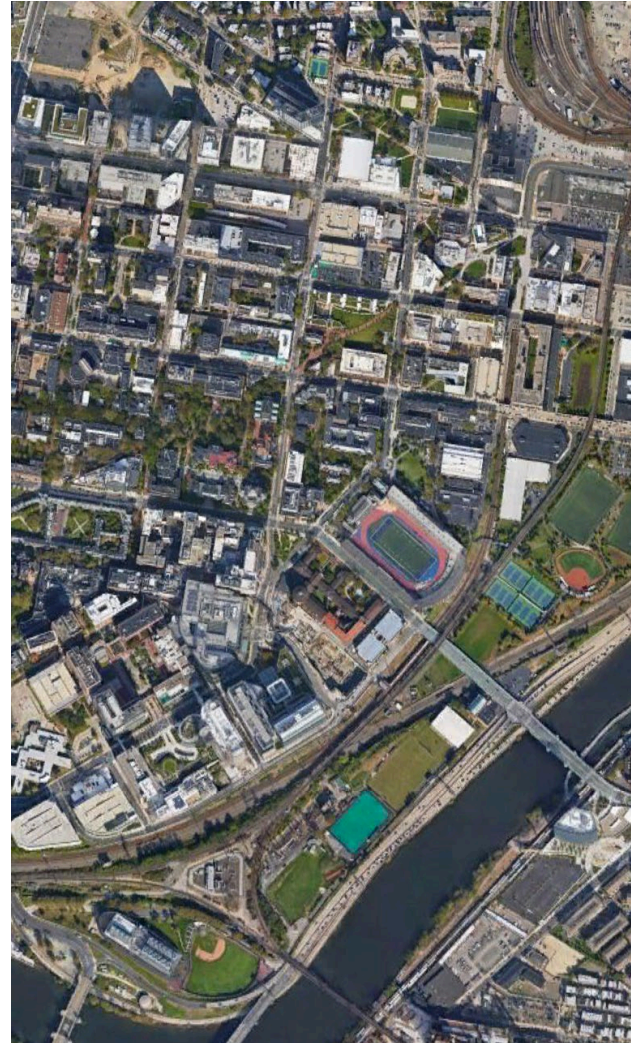
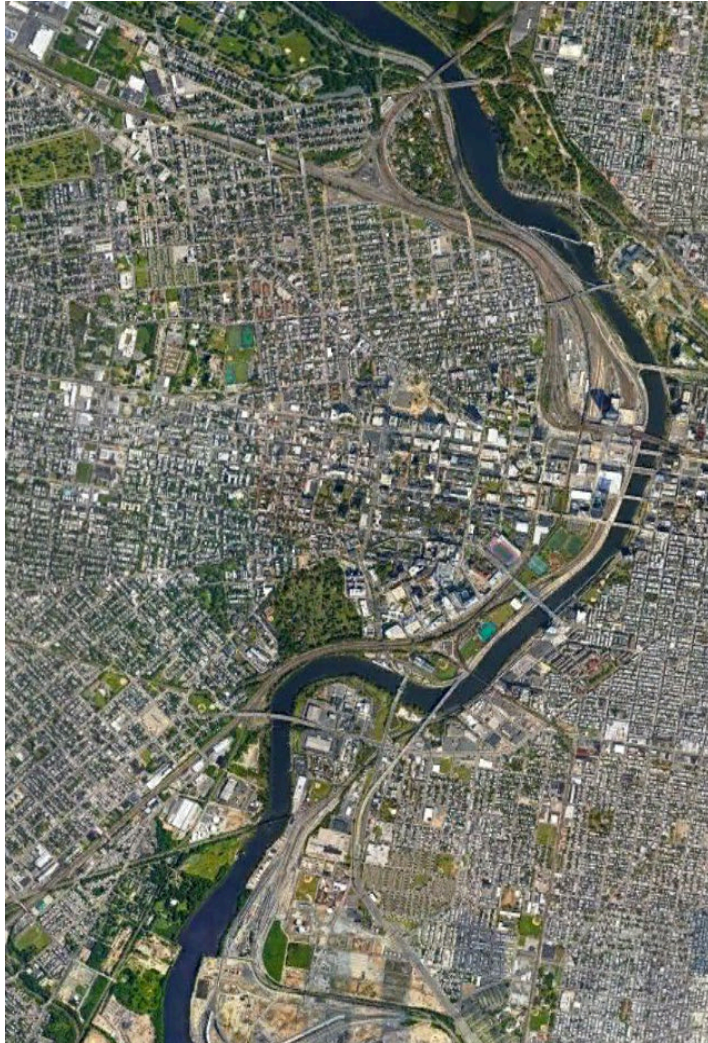


# Stitching the Images





# Functionality: Zoom and Search





# Summary

- **Decomposition** means breaking a complex problem into more manageable sub-problems
- Putting the solutions to the sub-problems together gives a solution to the original, complex problem







# CT-1.2

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Decomposition

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