Problem-solving Exercises

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- Number sequence
- Name of Month
- List Manipulation

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❖ Number sequence

Write a C program that has three behaviours

- single arg N ... prints numbers in range 1..N

- two args N, M ... prints numbers in range N..M

- 3 args N, M, S ... numbers in range N..M, in S-size steps

All args come from the command line

Think about and implement appropriate error checking

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❖❖ Name of Month

Write a C program that

- takes a single command-line argument (range: 1..12)

- prints the name of the corresponding month

Write several versions

- using COMP1511 style (`if`)

- using COMP2521 style (`switch`)

- using an array look-up

Think about and implement appropriate error-checking

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❖ List Manipulation

Using a supplied **List** ADT, modify functions to

- print a list

- delete a list

Must be implemented using recursion

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