

The 4 Types of Procedural Code

The Different Types of Instructions for the Machine and How They Work.



The 4 Types

- Sequential
- Conditional
- Reusable
- Repetitive



Sequential

- Expressions
- The machine executes this code in order, from top to bottom, one line at a time
- Recipe Analogy:
 - Ordered instructions
 - Simple step by step recipe for baking cookies.



Conditional

- Conditional Statements, & Ternaries
- When the machine makes decisions.
Depending on the decision the machine may skip code or choose between blocks of code.
- Recipe Analogy:
 - Exceptions made for variations in recipes.
 - Doubling It?



Reusable

- Functions (aka Methods)
- Code that is written once, but able to be used again and again by the machine.
- Recipe Analogy:
 - References to another recipe you might use many times.
 - Frosting



Repetitive

- Loops
- Code that is written once, but meant to be repeated over and over.
- Recipe Analogy:
 - Steps that require repeating.
 - “Mix Until Blended”



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