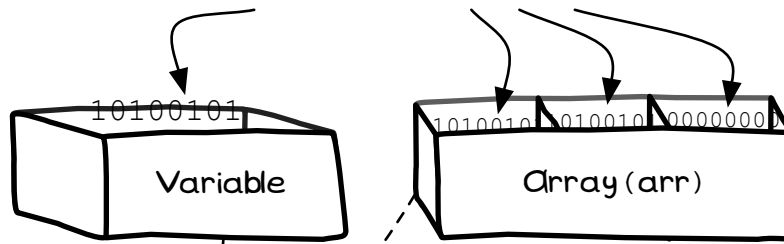


Variables store one or more values



Values exist in many locations in the code

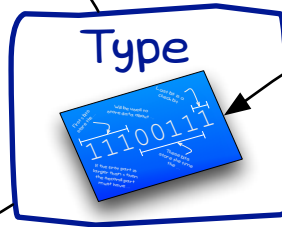
`my_rect.x + my_rect.width`

Expressions calculate a value

In the computer values are binary sequences

10100101

Types give meaning to values

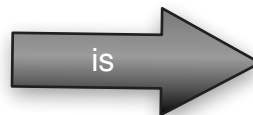


A Type is a blueprint describing how data is stored and interpreted

Type describes the size of the value (number of bits)

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Type defines what the different values mean



\tilde{N} - if its a Character
165 - if its an Integer

A Type is a specification