



## Writing functions

- Understand fully what is required
- Determine variable values
- Determine fixed calculations
- Use local variables (preferably)
- Determine return value
- Determine any side effects
- Use intermediate values / helper functions as needed

# List Comprehension

$$[ \langle \text{expr}(x) \rangle \text{ for } x \text{ in } \langle \text{list} \rangle ]$$

Suits = [ card / 13 for card in hand ]

Faces = [ card % 13 for card in hand ]