

# \*Notes for Exams

## Notes for Programming

- General:
  - Fking READ the damn QUESTION!!!
  - Write a function for EVERYTHINGGGGG
- Files
  - Never to use Direct Access (tell, seek)
  - Only use 'r' and 'w' access methods
  - To update file:
    - ◆ Open as 'r'
    - ◆ Store everything in an array, update
    - ◆ Re-open as 'w', write in
  - rstrip new line after reading line
- Object Oriented Programming
  - "Constructor method" = \_\_init\_\_(...)
  - Follow context in question:
    - ◆ Null pointer
    - ◆ Start, next free ...
  - Inheritance:
    - ◆ Call \_\_init\_\_ of superclass
  - Polymorphism:
    - ◆ self.(function name of superclass)
- Programme Testing
  - Cases:
    - ◆ Normal / valid data (in range)
    - ◆ Erroneous data (out of range)
    - ◆ Boundary data (on the range limit)
    - ◆ Special data (depends on context)
  - Annotation:
    - ◆ Type of data
    - ◆ Purpose of test

## Notes for Pseudocode

- Do NOT use "for i in range(1, 6)", use "for i = 1 to 5"
- Use generic formatting, not language specific

