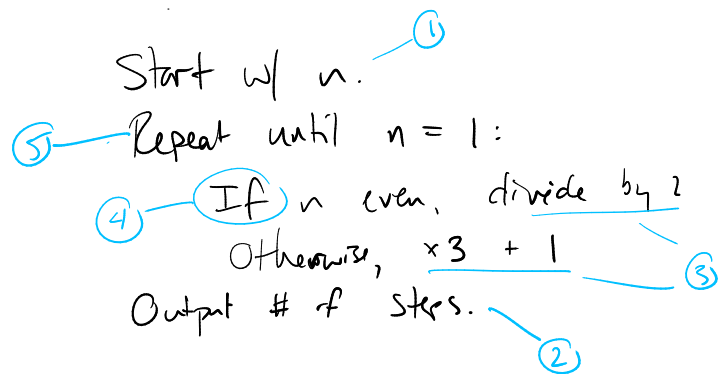


Aspects of Algorithms

Algorithm = sequence of instructions to carry out a computation.

- ① Input
- ② Output
- ③ Arithmetic
- ④ Conditionals (if)
- ⑤ Repetition (loops)



Errors

3 kinds:

- ① Syntax error — program is not even a valid program
eg. grammar, spelling errors.
- ② Semantic error — program is valid, but doesn't do what you want.
- ③ Runtime error — something goes wrong while program is running which causes it to stop/crash.