

Algorithm

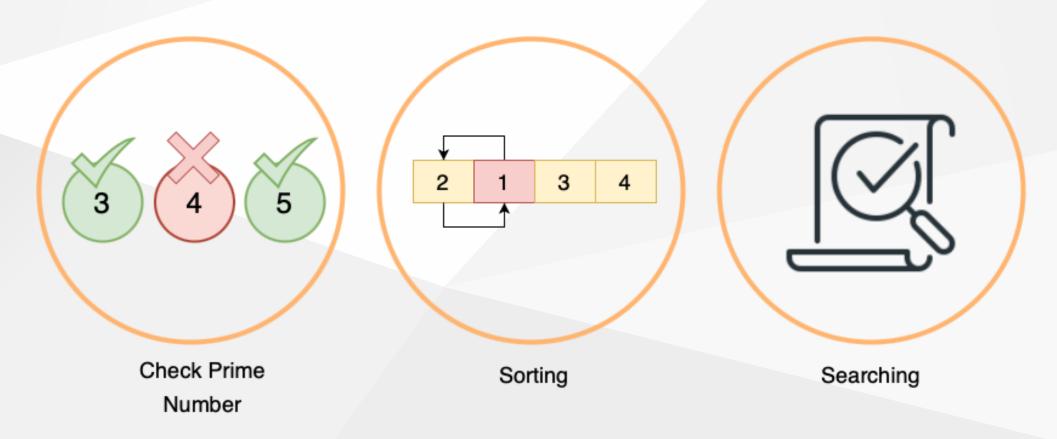
Basic Algorithm

What is Algorithm?



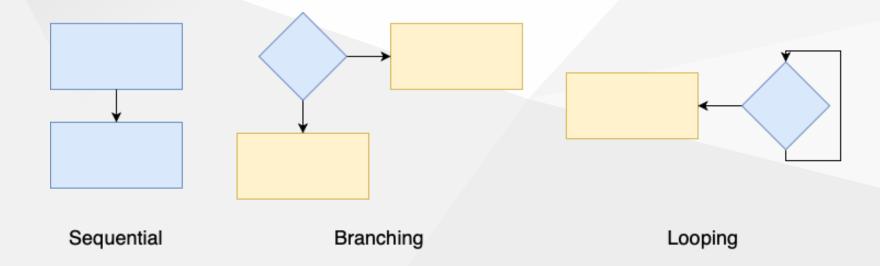
Algorithm is a well defined **computational procedure** which takes some values as **input** and produces some values as **output**.

Example Implementation



Characteristic

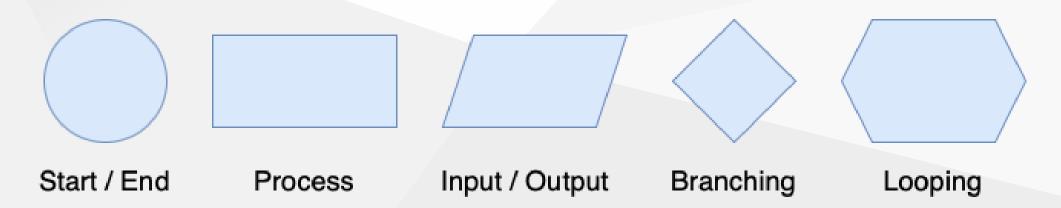
- Have start and end
- Well defined instructions
- Effective and eficient



Flowchart

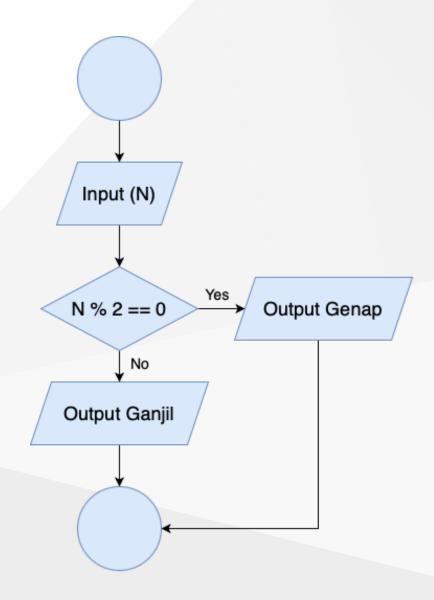
Flowchart is a chart with certain symbols that describe the **order** and **relationship** between processes in detail.

Flowchart Symbol



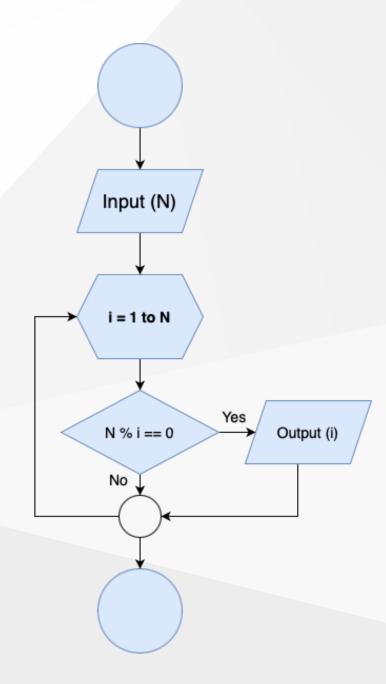
Study Case

Determine odd or even number



Study Case

Prints factor numbers



Tugas

A prime number is a natural number that is greater than 1, whose divisors are 1 and the **number itself**. The numbers 2 and 3 are **prime numbers**. The number 4 is not a prime number because it can be divided by 2. *Create a function to determine whether the inputted number is a prime number or not using <u>Whimsical</u>. Example:*

- Input: 3, Output: Prime Number
- Input: 7, Output: Prime Number
- Input: 10, Output: Not Prime Number