1. Turning machine model
2. Lambda calculus 🡪 Function

Types System

* Static type check 🡪 compile time
* Dynamic type check 🡪 run time

Manifest Type 🡪 Type supplied in source code

Implicit Type 🡪 Dynamic Typing (assign type in runtime) , Type inference (automatic detection in formal language)

Static scoping (recent use) – structure of program referencing the variable that can be access of.

Dynamic scoping – what variable changes then changed.