1. Logical Progression

- Machine language
  - generation of basic code sequences
- Assembly language
  - shared code & shared data in memory
- Compiled languages
  - standardized code units with parameters
- Database services
  - control ceded to the DB administrator
- Object Libraries for specific Domains
  - domains & solution structure predefined

1945

1955

1960

1975

1990

Loss of autonomy & Cede control

Increase of scale & Benefit from work of others