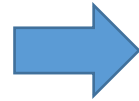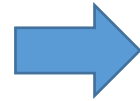# Loops

Loop

- while (condition)
  - ……   // body
- …..   // later part

➡️

- label:
  - Branch on negation of **condition** to exitLabel
    - ……   # body
    - j label
- exitLabel:
  - …..   # later part

for to while

- for(i = 0; i < 10; i++)
  - ……   // body
- …..   // later part

→

- i = 0
- while (i < 10)
  - ……   // body
  - i++
- …..   // later part

Assignments

- Conversion of do-while structure
- Handling multiple conditions with and/or operators
- Load and store characters
- Input and output characters
- Access character in a string
- Character comparison