

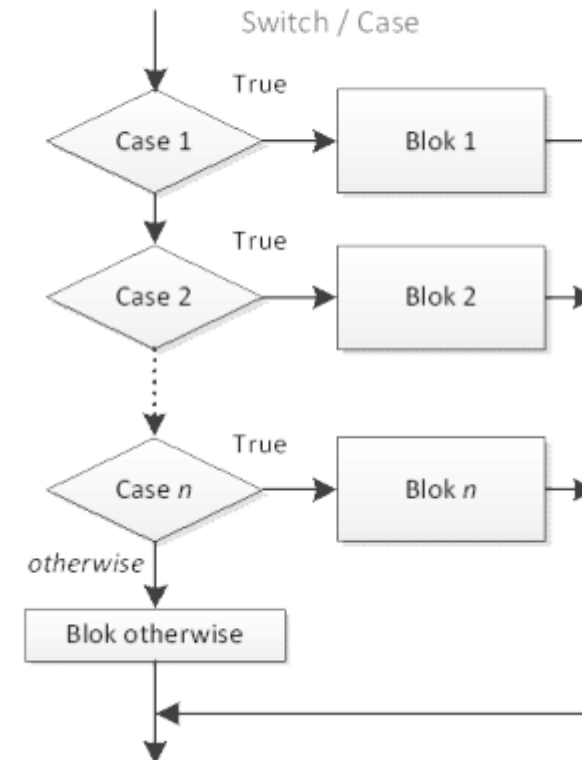
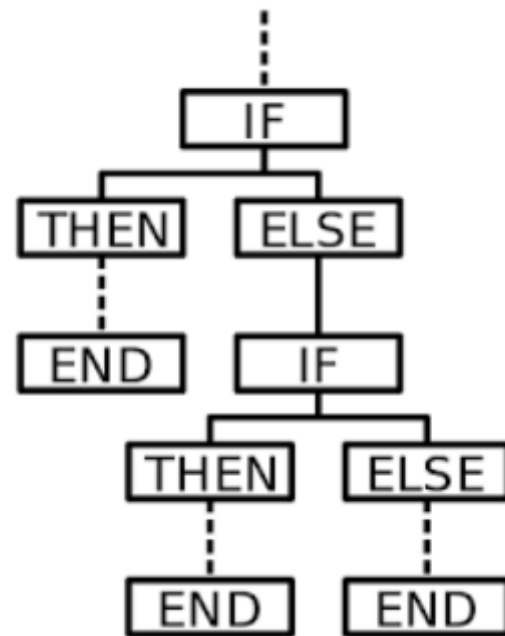
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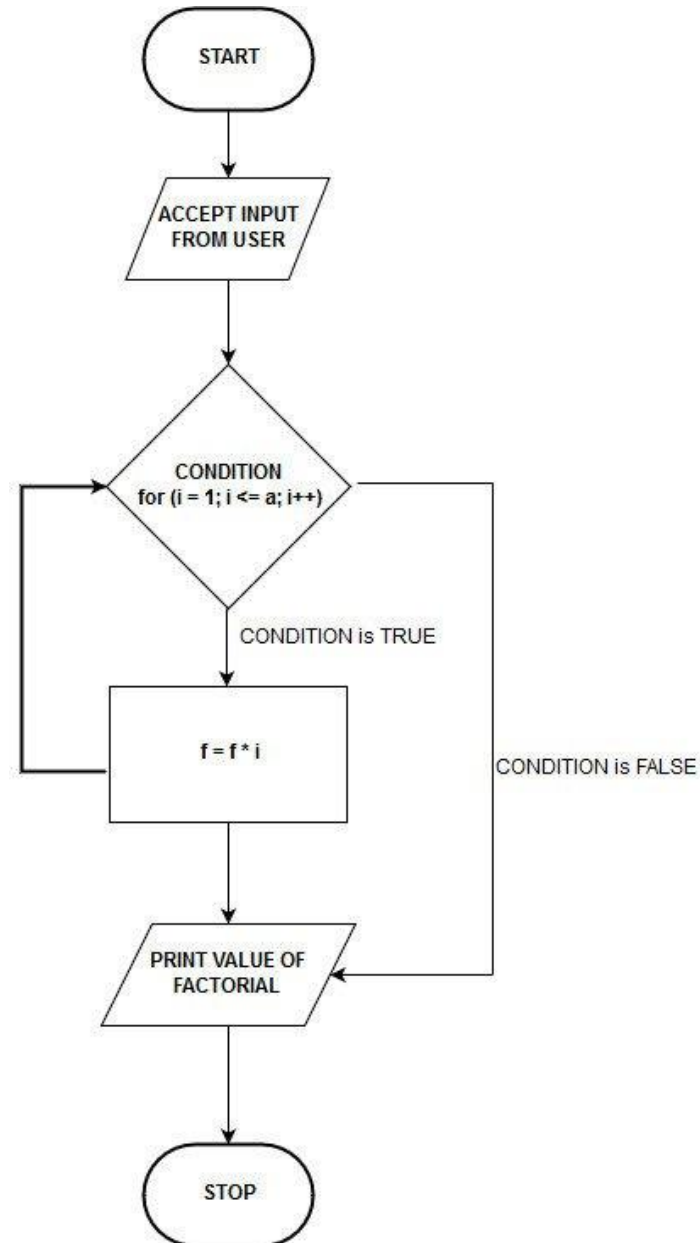
# Podpora

## Lecture 4

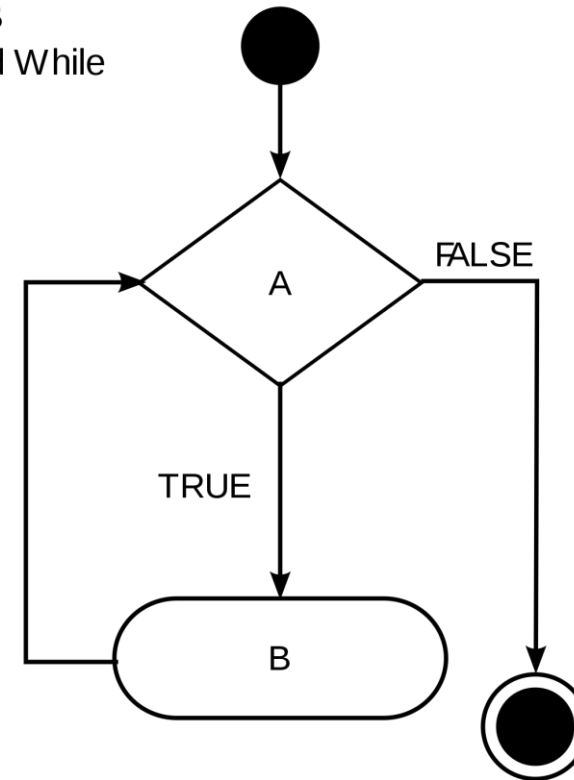
# If Ifelse Then a Switch Case



# For loop a While loop



While (A= TRUE) Do  
B  
End While



mean() - prumerna hodnota

median() – stredni hodnota

clear all a clear;

pozor na matice a vektory

davat pozor na prednost operatoru

# Příklad Numero 1

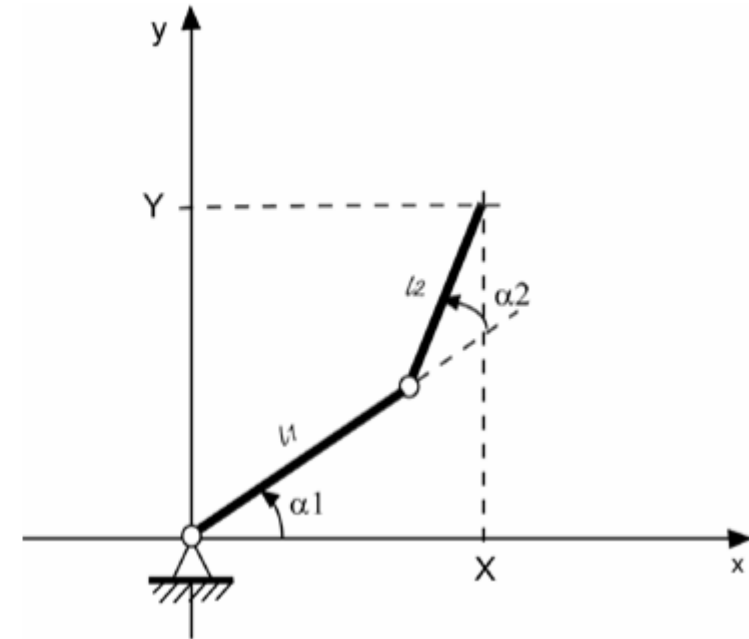
**Zadání:** Simulace – animace manipulátoru.

Animujte fáze pohybu manipulátoru  
a zobrazte trajektorii efektoru a druhého kloubu.

**Teorie:**

$$x = l_1 \cos \alpha_1 + l_2 \cos (\alpha_1 + \alpha_2)$$

$$y = l_1 \sin \alpha_1 + l_2 \sin (\alpha_1 + \alpha_2)$$



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