## CS305 Tutorial - 7

- 1. Find CFG for following languages (with n>0, m>0 and k>0)
  - a) 4 = 5 an bm ck + k = n+m}
  - b) L2 = { anbmck | k = |n-m|}
- 2 Construct a PDA with two states, one initial and one final state

  L3 = {ambnc2(m+n): m, n ∈ N}
  - 3: Based on your knowledge on c language, write formal definition for the following
    - a) for statement
    - b) variable declaration (assume only for int, char, float).