

**Department of Computer Science
University of Massachusetts Lowell
COMP.3040 Foundations of Computer Science
Fall 2019**

**Homework 3 [9 %]
Handed out: 10/6/2019
Due on 10/27/2019**

Homework #3 – Chapter 2: CFG, PDA

Do the following problems from Chapter 2 of the Text

2.1, 2.4:b, c, e, f, 2.5, 2.6: b, d, 2.9, 2.10, 2.11, 2.12, 2.13, 2.14, 2.26, 2.30, 2.31, 2.32, 2.47,

Deliverables

- **Only latex files will be accepted—no hand written submissions please**
- **pdf must also be submitted**
- Create a directory `firstname.lastname/hwn` where `n` is the homework number and store all the files in this directory. Tar this directory and submit it [you need to tar it such that `untar` will preserve your full path]

Extra Credit

- any other – please document

Deadline and Late Submissions

- The assignment is due on the date specified above at 11:59:59 PM
- Each day late will incur a penalty of 10% of the grade for the assignment; for example, if the assignment is 3 days late, the maximum grade will be 85 out of 100—15 will be subtracted from whatever grade is assigned.