

# CMSC 203

## Homework 6

### Reading Assignment:

- In celebration of Halloween, listen to Camille Saint-Saens' Danse Macabre
- Read Chapter 5 of Epp
- Study the math induction handout at <http://www.cs.umbc.edu/~lomonaco/f11/203/handouts/Examples-Math-Induction-Proofs.pdf>

### Homework:

- Exercise Set 5.1, #44 page 243
- Exercise Set 5.1, #45, page 243
- Exercise Set 5.1, #52, page 243
- Exercise Set 5.2, #7, page 257
- Exercise Set 5.2, 11, page 257
- Exercise Set 5.2, #12, page 257
- Exercise Set 5.2, #17, page 257
- Exercise Set 5.3, #9, page 266
- Exercise Set 5.3, #15, page 266
- Exercise Set 5.3, #17, page 266