CS 261

Assignemnt 2

Baker, Alex

* 1. 1, -1, 1, -1
  2. 3, 3, 3, 3
  3. 8, 11, 23, 71
  4. 2, 0, 8, 0
  5. 0, 1, 1, 2
  6. 100, 95, 90, 85, 80
  7. 0, 1, 5, 14, 30
  8. 0, 1, 1, 1, 2
  9. 1, 2, 3, 5, 8

Proof: Induction

Base:

Induction Step:

Assume is correct. Want to show

Proof: Induction

Base:

Induction Step:

Assume is correct. Want to show

Proof: Induction

Base:

Induction Step:

Assume is correct. Want to show

Proof: Induction

Base:

Induction Step:

Assume is correct. Want to show

Proof: Induction

Base:

Induction Step:

Assume is correct. Want to show

Proof: Induction

Base Case: n = 1

Induction Step:

Assume for all n, then want to show