Problem Set 2 – revised version

1. Book, 2.32.  [proving non–CFL]
   (Note that the result of this problem demonstrates that the class of CFLs isn’t closed under either complement or intersection. Check that you understand why.)


3. Book, 3.18.  [decidable iff enumerable in lex order]

4. Book, 4.17.  [projection of decidable iff T-recognizable]

5. Book, 4.22.  [useless states in a PDA]


7. Book, 2.22.  [tricky CFL]