General Mathematics and CPS II

Exercise 4

February 15, 2012

1. Ivanov, p. 99, Problem 13.

2. Ivanov states the following famous theorem (p. 100, Theorem 11):

   A finite connected graph is Eulerian (there is a chain containing every edge) if and only if it has either two vertices of odd valency or none.

   Write out a complete proof following the sketch given by Ivanov.