

BITS, Pilani – KK Birla Goa Campus
Department of CS&IS

CS/IS F213 Object Oriented Programming
CS/IS C313 Object Oriented Programming and Design

Lab-9

Dt.29.10.2014

The pre-lab work for the lab is as follows.

1. Read **Ch 2: Your First Unit Tests, Ch 3: Writing Tests in Junit, Ch 6: Using Mock Objects** from Pragmatic Unit Testing in Java with Junit, Andy Hunt and Dave Thomas, The Pragmatic BookShelf, 2003.
2. We will use graph algorithm code from <http://algs4.cs.princeton.edu/41undirected/>.
 - a) Familiarize yourself with background concepts and code skeleton of the following Java classes. The Java code code is available on the course website.
[BreadthFirstPaths.java](#), [Bag.java](#), [Graph.java](#), [SelfEdgeException.java](#), [In.java](#), [Queue.java](#) and [Stack.java](#)
 - b) Also read the format of graph as specified in **tinyG.txt** file.

References

E-copy of Pragmatic Unit Testing available at http://www.infotest.by/documents/Pragmatic_unit_testing.pdf

Look at tutorials on JUNIT Tests available at <http://www.tutorialspoint.com/junit/>

Class code available in code_download.zip file.