

CS620: Applied Algorithms, Fall 2018
Weisberg Division of Computer Science, Marshall University
Assignment 04
Total Points: 50
Due: 4:00 p.m., Oct 08

1. Implement BFS algorithm. [20 pts]

2. Write a program to check whether a graph is a bipartite graph or not. [30 pts]
(You can define two graphs in your program, one is bipartite, another is not)

(Note 1: For all questions, please use hard coding, which means you can provide the input in the program. Please do not ask user to enter any value. Please let me know if you have any question. Thanks.)

(Note 2: For each question, you only submit one source file. In this assignment, we have two questions, so you will submit two source files on Blackboard. The programming language does not matter. Please let me know if you have any question. Thanks.)