Class	CMPS 261
Section	001
Problem	Programming Assignment #4
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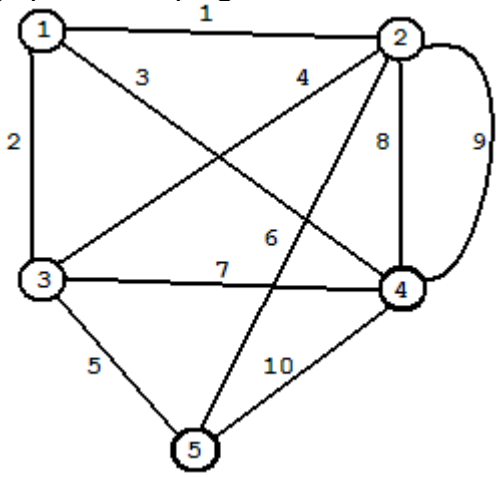
Due Date	12:30pm November 15, 2005

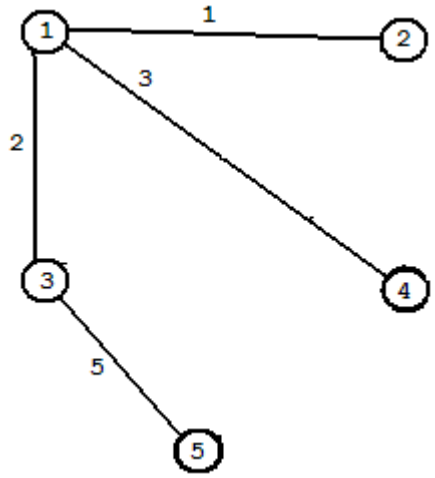
IV.Verification and Validation Documentation

IV.1Test Plan

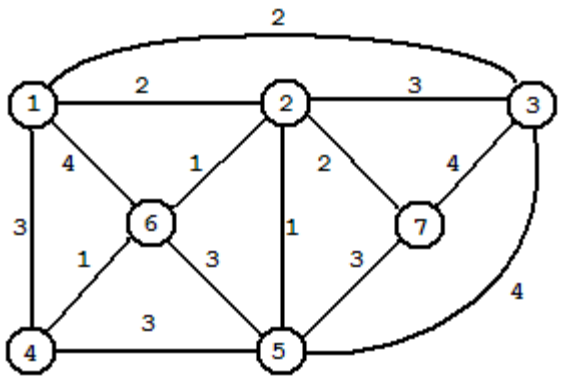
1. Input the following graph into the program



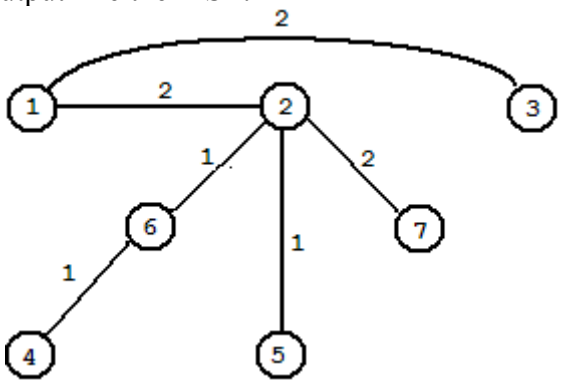
to see if it produces output like the MST:



2. Input the following graph into the program



to see if it produces output like the MST:



IV.2Test Results

See attached page.

IV.3Operating Instructions

IV.3.1 File Locations

cmps2611/proj4/makefile
cmps2611/proj4/main.cpp
cmps2611/proj4/AdjacencyList.h
cmps2611/proj4/AdjacencyList.cpp
cmps2611/proj4/adjacentVertex.h
cmps2611/proj4/Edge.h
cmps2611/proj4/Edge.cpp
cmps2611/proj4/minHeap.h
cmps2611/proj4/minHeap.cpp
cmps2611/proj4/UnionFind.h
cmps2611/proj4/UnionFind.cpp

IV.3.2Directions on using the makefile

1. Go to the Unix terminal

2. Make sure you are in the correct directory: cmps2611/proj4/
3. Type in “make”
4. The CC compiler will create *.o files and an executable file named “main”

IV.3.3Directions on how to run the generated executable

1. Go to the Unix terminal
2. Make sure you are in the correct directory: cmps2611/proj4/
3. Type in “main”

IV.3.4Cautions

Make sure nodes are entered correctly or else the program will have a “Segmentation Fault”.