CSCI2110 – Assignment 5 – Sample Outputs

David Cui B00788648

**Sample 1:**

Input file is input.txt:

5

E A

E B

A B

A D

B D

D C

Output:

Enter text file name: input.txt

0 1 0 1 1

1 0 0 1 1

0 0 0 1 0

1 1 1 0 0

1 1 0 0 0

Depth First Search Traversal:

A B D C E

Breadth First Search Traversal:

A B D E C

**Sample 2:**

Input file is input2.txt:

5

A B

A D

B C

B D

C E

D E

Output:

Enter text file name: input2.txt

0 1 0 1 0

1 0 1 1 0

0 1 0 0 1

1 1 0 0 1

0 0 1 1 0

Depth First Search Traversal:

A B C E D

Breadth First Search Traversal:

A B D C E

**Sample 3:**

Input file is input3.txt:

5

A B

B C

C D

D A

D E

Output:

Enter text file name: input3.txt

0 1 0 1 0

1 0 1 0 0

0 1 0 1 0

1 0 1 0 1

0 0 0 1 0

Depth First Search Traversal:

A B C D E

Breadth First Search Traversal:

A B D C E