**Lab 7 Report**

*Running the program*

Install [Node.js](https://nodejs.org/en/download/). Then run:

node main [input file]

*Screenshots*

Using input file with following contents:

5

2

0 0

0 1

2 0

3 0

2 1

0 0

0 0

2 0

0 0

1 0

0 0

Graphical user interface, text

Description automatically generated

Using input file with following contents:

5

3

0 0 0

0 1 0

2 0 0

3 0 3

2 1 1

0 0 2

0 0 0

2 0 2

0 0 1

1 0 0

0 0 2

Text

Description automatically generated

Text

Description automatically generated