```
:: make clean
rm -f main.o Graph.o Vertex.o Edge.o main

[ghruzek]@build ~/CSCE-221/PA6> (22:21:57 04/30/17)
:: make
c++ -std=c++14 -c main.cpp
c++ -std=c++14 -c Graph.cpp
c++ -std=c++14 -c Vertex.cpp
c++ -std=c++14 -c Edge.cpp
c++ -std=c++14 -o main main.o Graph.o Vertex.o Edge.o

[ghruzek]@build ~/CSCE-221/PA6> (22:22:01 04/30/17)
:: clear

[ghruzek]@build ~/CSCE-221/PA6> (22:22:04 04/30/17)
:: ./main input1.data
Vertices: 4 Edges: 4
0: 1 3
1: 2 0
2: 1 3
3: 0 2
Group A: 0 2
Group B: 1 3
Input a start vertex: 0
Input an end vertex: 2
Shortest Path from 0 to 2: 0 1 2

[ghruzek]@build ~/CSCE-221/PA6> (22:22:17 04/30/17)
:: ./main input1.data
Vertices: 4 Edges: 4
0: 1 3
1: 2 0
2: 1 3
3: 0 2
Group A: 0 2
Group B: 1 3
Input a start vertex: 3
Input an end vertex: 1
Shortest Path from 3 to 1: 3 0 1

[ghruzek]@build ~/CSCE-221/PA6> (22:27:01 04/30/17)
:: ./main input2.data
Vertices: 5 Edges: 6
0: 1 2
1: 0 2
2: 0 1 3 4
3: 2 4
4: 2 3
A grouping is not possible

[ghruzek]@build ~/CSCE-221/PA6> (22:27:13 04/30/17)
:: ./main input3.data
Vertices: 7 Edges: 6
0: 1 2
1: 0 3 4
2: 0 5 6
3: 1
4: 1
5: 2
6: 2
Group A: 0 3 4 5 6
Group B: 1 2
Input a start vertex: 4
Input an end vertex: 6
Shortest Path from 4 to 6: 4 1 0 2 6
```