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[ghruzek]@build ~/CSCE-221/PA6> (22:37:29 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: 1
Input an end vertex: 3
Shortest Path from 1 to 3: 1 2 3
```

```
[ghruzek]@build ~/CSCE-221/PA6> (22:37:44 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: 0
Input an end vertex: 5
Shortest Path from 0 to 5: 0 2 5
```

```
[ghruzek]@build ~/CSCE-221/PA6> (22:38:02 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: 6
Input an end vertex: 3
Shortest Path from 6 to 3: 6 2 0 1 3
```

```
[ghruzek]@build ~/CSCE-221/PA6> (22:38:10 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: 5
Shortest Path from 4 to 5: 4 1 0 2 5
```

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[ghruzek]@build ~/CSCE-221/PA6> (22:38:23 04/30/17)
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