

BLG 336E – Analysis of Algorithms II, Spring 2014

Project 3 – Real Estate Matching

Evaluation Inputs

This document contains input data that are used to evaluate your Project 3 submissions and their expected results.

Input 1 is same as the file provided in ninova with the project (input.txt). Input 4 is only used when outputs of other inputs are not clear enough to evaluate. Bold ids are sample matches, other matches may also be possible however the result must be a maximum matching.

Input 1:

```
1
1 3
2 3 4
3
3
```

Maximum number of matches: **3**

Input 2:

```
1 4
2
3
2 5
1 5
2 5
1 2 3
```

Maximum number of matches: **5**

Input 3:

```
4
1 4 13
2 11 12 14
3 6 11
7
5 8 10
8 11
8
1
1 10
11
4 7 9
9 11
2 4
2 3 9 10
```

Maximum number of matches: **13**

Input 4:

```
1 2
1 3
3
```

Maximum number of matches: **3**