***3 cases output.***

File input : Matrix1

Reflexive - No

Anti-Reflexive - No

Symmetric - No

Antisymmetric - Yes

File input : Matrix2

Reflexive - Yes

Anti-Reflexive - No

Symmetric - Yes

Antisymmetric - No

File input : Matrix3

Reflexive - No

Anti-Reflexive - Yes

Symmetric - No

Antisymmetric – No

***Additional Cases.***

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Extra Testing:

1 1 1 1 1 1 1 1 1 1

1 1 0 0 0 0 0 0 0 0

1 0 1 0 0 0 0 0 0 0

1 0 0 1 0 0 0 0 0 0

1 0 0 0 1 0 0 0 0 0

1 0 0 0 0 1 0 0 0 0

1 0 0 0 0 0 1 0 0 0

1 0 0 0 0 0 0 1 0 0

1 0 0 0 0 0 0 0 1 0

1 0 0 0 0 0 0 0 0 1

File input : Testing.txt

Reflexive - Yes

Anti-Reflexive - No

Symmetric - Yes

Antisymmetric - No

----------------------------------------------------------------------------------------------------------

1 0 0 0 0 0 0 0 0 0

0 1 0 0 0 0 0 0 0 0

0 0 1 0 0 0 0 0 0 0

0 0 0 1 0 0 0 0 0 0

0 0 0 0 1 0 0 0 0 0

0 0 0 0 0 1 0 0 0 0

0 0 0 0 0 0 1 0 0 0

0 0 0 0 0 0 0 1 0 0

0 0 0 0 0 0 0 0 1 0

0 0 0 0 0 0 0 0 0 1

File input : Testing.txt

Reflexive - Yes

Anti-Reflexive - No

Symmetric - No

Antisymmetric - No

----------------------------------------------------------------------------------------------------------

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

File input : Testing.txt

Reflexive - No

Anti-Reflexive - Yes

Symmetric - No

Antisymmetric - No

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