Bidirectional GS algorithm

1st round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L		**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

1st round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L	A	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

1st round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L		**A**	
M		**B**	
N		**C**	
O	B	**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

1st round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L		**A**	
M		**B**	
N		**C**	
O		**D**	
P	C	**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

1st round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L	D	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

1st round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L		**A**	
M	E	**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table (A is accepted by L)

L		**A**	L
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	L
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table (L is informed about math with A for round of firms)

L	A	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M		**B**	
N		**C**	
O		**D**	L (rejected)
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L	D (rejected)	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L		**A**	
M		**B**	
N	D	**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L	A	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L	A	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L	A	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L	A	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L	A	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L	A	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L	A	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L	A	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

2nd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L	A	**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

3rd round

- nothing happens because A is already matched to L.

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L		**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

3rd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M		**B**	P (accepted)
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

3rd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M		**B**	
N		**C**	
O		**D**	
P	B (accepted)	**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

3rd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Deision Table

L		**A**	
M		**B**	
N		**C**	P (rejected)
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

3rd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M		**B**	
N		**C**	
O		**D**	
P	C (rejected)	**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

3rd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M		**B**	
N		**C**	O (accepted)
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

3rd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M		**B**	
N		**C**	
O	C (accepted)	**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

3rd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M		**B**	O (rejected)
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

3rd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M		**B**	
N		**C**	
O	B (rejected)	**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

3rd round

- player C is the next and she will rejects M because she is aleady matched to O.

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L		**A**	
M	C (rejected)	**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

3rd round

- nothing will happen.

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L		**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

3rd round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L		**A**	
M		**B**	
N	E	**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

4th round

- nothing will happen

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L		**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

4th round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	M(accepted)

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

4th round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M	E (accepted)	**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

4th round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M		**B**	
N	E (rejected)	**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

4th round

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	N (rejected)

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

4th round

- back to player M: she rejects player C

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Decision Table

L		**A**	
M		**B**	
N		**C**	M (rejected)
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn

Bidirectional GS algorithm

4th round

- match is done!

Students (proposers / acceptors)

	5	4	3	2	1
A	L	M	N	O	P
B	O	P	L	N	M
C	P	O	L	M	N
D	L	N	O	M	P
E	M	N	O	P	L

Firms (acceptors / proposers)

	5	4	3	2	1
L	A	D	B	E	C
M	C	E	B	D	A
N	A	D	C	B	E
O	C	A	D	B	E
P	B	C	D	A	E

Proposal Table

L		**A**	
M		**B**	
N		**C**	
O		**D**	
P		**E**	

Explanation

	offer sent
	offer received
	match
	offer rejected / withdrawn