姓名 Name :	學號 Student ID #:
Quiz 2	MATH 207: Discrete Mathematics II

	0	1	2	3	4	5
0		5	19	3	9	4
1			16	15	16	13
2				7	4	16
3					1	13
4						14
5						

Recall that the weight of a spanning tree is the sum of its edge weights. Find a spanning tree of G with the minimum weight.

Check code = (weight of your spanning tree) mod 10

Solution.



check code	

姓名 Name :	學號 Student ID #:
Quiz 2	MATH 207: Discrete Mathematics II

	0	1	2	3	4	5
0		2	3	3	12	6
1			10	9	20	7
2 3				20	2	19
3					6	14
4						13
5						

Recall that the weight of a spanning tree is the sum of its edge weights. Find a spanning tree of G with the minimum weight.

Check code = (weight of your spanning tree) mod 10

Solution.



check	code	

姓名 Name :	學號 Student ID #:
Quiz 2	MATH 207: Discrete Mathematics II

	0	1	2	3	4	5
0		8	19	18	5	12
1			20	16	19	3
2				20	1	16
3					9	18
4						8
5						

Recall that the weight of a spanning tree is the sum of its edge weights. Find a spanning tree of G with the minimum weight.

Check code = (weight of your spanning tree) mod 10

Solution.



check	code

姓名 Name :	學號 Student ID #:
Quiz 2	MATH 207: Discrete Mathematics II

	0	1	2	3	4	5
0		8	10	4	13	16
1			5	3	3	1
2				13	18	10
3					2	8
4						17
5						

Recall that the weight of a spanning tree is the sum of its edge weights. Find a spanning tree of G with the minimum weight.

Check code = (weight of your spanning tree) mod 10

Solution.



check	code

姓名 Name:	學號 Student ID #:
Quiz 2	MATH 207: Discrete Mathematics II

	0	1	2	3	4	5
0		20	9	12	17	1
1			15	8	2	6
2				4	12	16
3					8	13
4						18
5						

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Check code = (weight of your spanning tree) mod 10

Solution.



check	code
1	

姓名 Name :	學號 Student ID #:
Quiz 2	MATH 207: Discrete Mathematics II

	0	1	2	3	4	5
0		19	3	16	9	2
1			1	5	19	16
2				12	11	1
3					9	16
4						7
5						

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Check code = (weight of your spanning tree) mod 10

Solution.



check	code

姓名 Name:	學號 Student ID #:
Quiz 2	MATH 207: Discrete Mathematics II

	0	1	2	3	4	5
0		11	5	13	2	3
1			18	4	12	19
2				2	17	7
3					2	3
4						14
5						

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Solution.



check	code

姓名 Name :	學號 Student ID #:
Quiz 2	MATH 207: Discrete Mathematics II

	0	1	2	3	4	5
0		8	12	13	5	7
1			2	3	5	8
2				17	7	13
3					1	15
4						16
5						

Recall that the weight of a spanning tree is the sum of its edge weights. Find a spanning tree of G with the minimum weight.

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Solution.



check code	

姓名 Name :	學號 Student ID #:
Quiz 2	MATH 207: Discrete Mathematics II

	0	1	2	3	4	5
0		15	20	12	9	5
1			6	1	11	17
2 3				15	20	3
3					11	18
4						20
5						

Recall that the weight of a spanning tree is the sum of its edge weights. Find a spanning tree of G with the minimum weight.

Check code = (weight of your spanning tree) mod 10

Solution.



check code	

姓名 Name :	_ 學號 Student ID # :
Quiz 2	MATH 207: Discrete Mathematics II

	0	1	2	3	4	5
0		19	2	14	16	19
1			1	7	15	16
2				9	6	2
3					17	16
4						11
5						

Recall that the weight of a spanning tree is the sum of its edge weights. Find a spanning tree of G with the minimum weight.

Check code = (weight of your spanning tree) mod 10

Solution.



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