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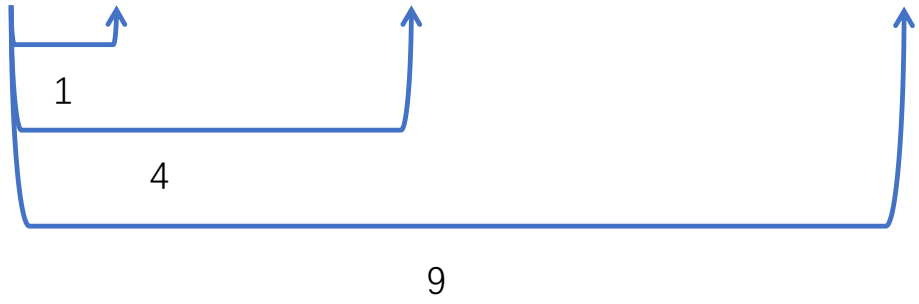
Perfect square numbers under 12: 1, 4, 9

DP[]下标	0	1	2	3	4	5	6	7	8	9	10	11	12
DP	0	0	0	0	0	0	0	0	0	0	0	0	0



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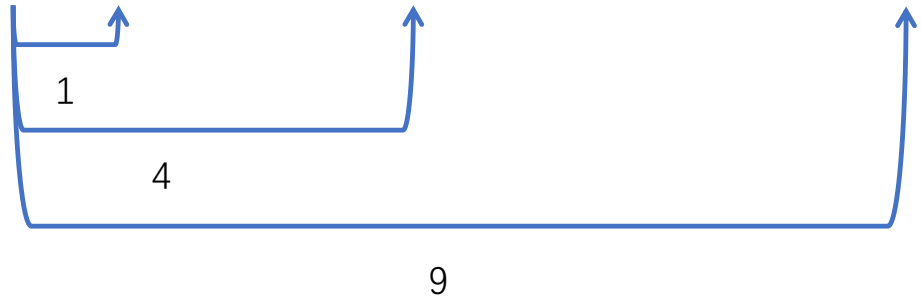
DP	0	1	0	0	1	0	0	0	0	1	0	0	0



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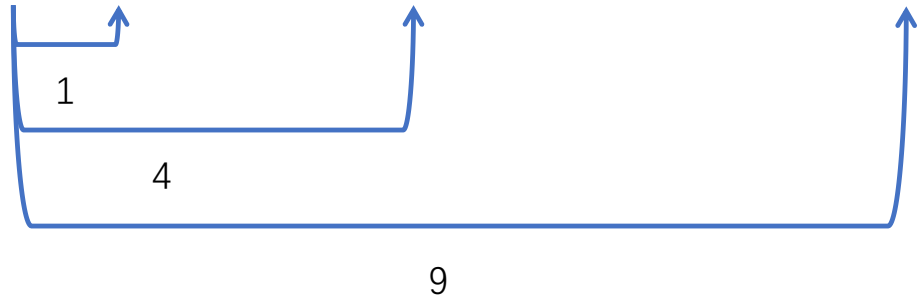
DP	0	1	2	0	1	2	0	0	0	1	2	0	0



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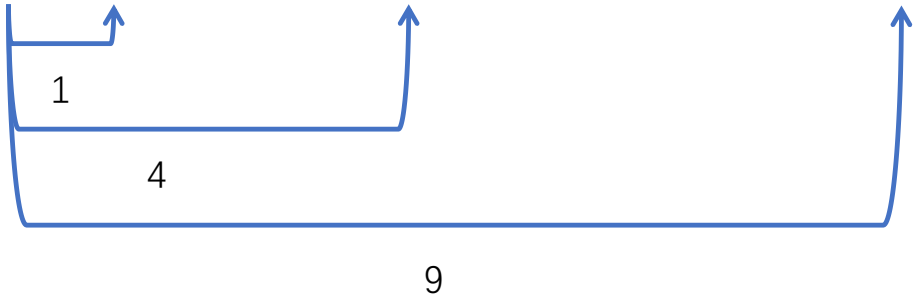
DP[]下标	0	1	2	3	4	5	6	7	8	9	10	11	12
DP	0	1	2	3	1	2	3	0	0	1	2	3	0



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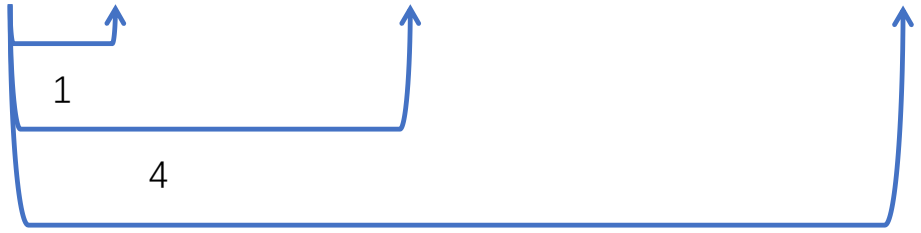
当出现最小值的时候我们以(a,b)保留多个值
并根据题目要求在下一页删去较大的值

DP[]下标	0	1	2	3	4	5	6	7	8	9	10	11	12
DP	0	1	2	3	(1,~~4~~)	2	3	4	0	1	2	3	4



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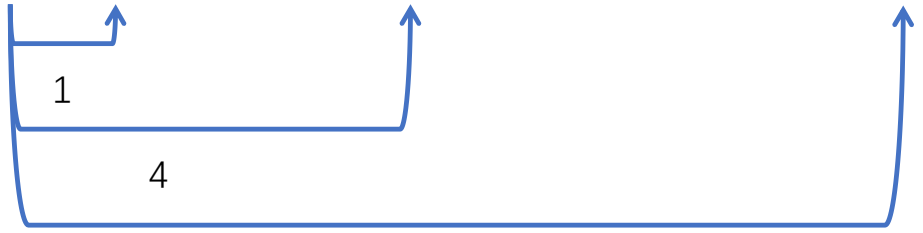
DP[]下标	0	1	2	3	4	5	6	7	8	9	10	11	12
DP	0	1	2	3	1	(2,~~2~~)	3	4	2	1	2	3	4



注意到此时9已经超出DP[]的索引
因此我们去除9这一个分支

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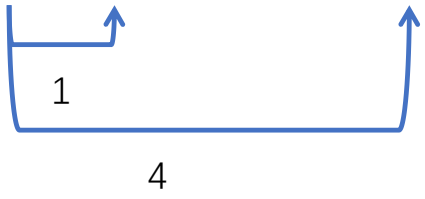
DP[]下标	0	1	2	3	4	5	6	7	8	9	10	11	12
DP	0	1	2	3	1	2	(3,~~3~~)	4	2	(1,~~3~~)	2	3	4



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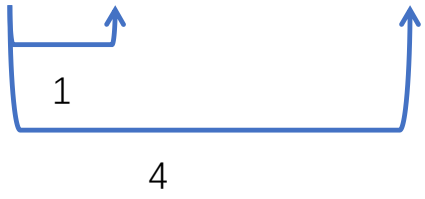
DP[]下标	0	1	2	3	4	5	6	7	8	9	10	11	12
DP	0	1	2	3	1	2	3	(4,~~4~~)	2	1	(2,~~4~~)	3	4



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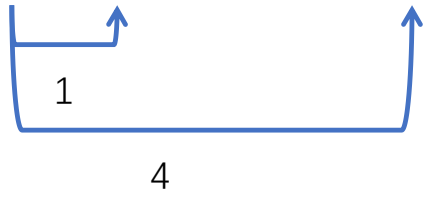
Perfect square numbers under 12: 1, 4, 9

DP[]下标	0	1	2	3	4	5	6	7	8	9	10	11	12
DP	0	1	2	3	1	2	3	4	(2,~~5~~)	1	2	(3,~~5~~)	4



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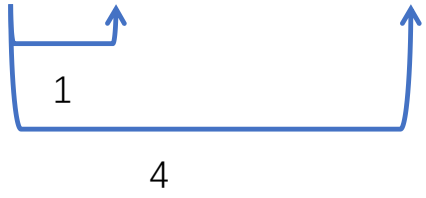
DP[]下标	0	1	2	3	4	5	6	7	8	9	10	11	12
DP	0	1	2	3	1	2	3	4	2	(1,~~3~~)	2	3	(~~4~~,3)



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Perfect square numbers under 12: 1, 4, 9

DP[]下标	0	1	2	3	4	5	6	7	8	9	10	11	12
DP	0	1	2	3	1	2	3	4	2	1	(2,~~2~~)	3	3

1

注意到此时4已经超出DP[]的索引
因此我们去除4这一个分支

Given an integer n, return the least number of perfect square numbers that sum to n.
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Perfect square numbers under 12: 1, 4, 9

DP[]下标	0	1	2	3	4	5	6	7	8	9	10	11	12
DP	0	1	2	3	1	2	3	4	2	1	2	(3,~~3~~)	3

1

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Perfect square numbers under 12: 1, 4, 9

DP[]下标	0	1	2	3	4	5	6	7	8	9	10	11	12
DP	0	1	2	3	1	2	3	4	2	1	2	3	(3,~~4~~)

1

Given an integer n, return the least number of perfect square numbers that sum to n.
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DP[]下标	0	1	2	3	4	5	6	7	8	9	10	11	12
DP	0	1	2	3	1	2	3	4	2	1	2	3	**3**