

State: Start

1	0	2
---	---	---

State: pad

	1	0	2
--	---	---	---

State: goRight

/	1	0	2
---	---	---	---

State: goRight

/	1	0	2
---	---	---	---

State: goRight

/	1	0	2
---	---	---	---

State: goRight

/	1	0	2
---	---	---	---

State: goRight

/	1	0	2	
---	---	---	---	--

State: dec

/	1	0	2	
---	---	---	---	--

State: carry

/	1	0	1	
---	---	---	---	--

State: goLeft

/	1	0	1	
---	---	---	---	--

State: goLeft

/	1	0	1	
---	---	---	---	--

State: goLeft

/	1	0	1	
---	---	---	---	--

State: goLeft

/	1	0	1	
---	---	---	---	--

State: inc

	/	1	0	1	
--	---	---	---	---	--

State: goRight

1	/	1	0	1	
---	---	---	---	---	--

State: goRight

1	/	1	0	1	
---	---	---	---	---	--

State: goRight

1	/	1	0	1	
---	---	---	---	---	--

State: goRight

1	/	1	0	1	
---	---	---	---	---	--

State: goRight

1	/	1	0	1	
---	---	---	---	---	--

State: dec

1	/	1	0	1	
---	---	---	---	---	--

State: carry

1	/	1	0	0	<div></div>	<div></div>
---	---	---	---	---	-------------	-------------

State: goLeft

1	/	1	0	<div></div>	<div></div>	<div></div>
---	---	---	---	-------------	-------------	-------------

State: goLeft

1	/	1	<div></div>	<div></div>	0	
---	---	---	-------------	-------------	---	--

State: goLeft

1	/	<div></div>	<div></div>	0	0	
---	---	-------------	-------------	---	---	--

State: goLeft

1	<div></div>	<div></div>	/	1	0	0
---	-------------	-------------	---	---	---	---

State: inc

<div></div>	<div></div>	1	/	1	0	0
-------------	-------------	---	---	---	---	---

State: inc

<div></div>	<div></div>	0	/	1	0	0
-------------	-------------	---	---	---	---	---

State: goRight

1	<div></div>	<div></div>	0	/	1	0
---	-------------	-------------	---	---	---	---

State: goRight

1	0	<div></div>	<div></div>	/	1	0
---	---	-------------	-------------	---	---	---

State: goRight

1	0	/	<div></div>	<div></div>	1	0
---	---	---	-------------	-------------	---	---

State: goRight

1	0	/	1	<div></div> 0 <div></div>	0	
---	---	---	---	---------------------------	---	--

State: goRight

1	0	/	1	0	<div></div> 0 <div></div>	
---	---	---	---	---	---------------------------	--

State: goRight

1	0	/	1	0	0	<div></div> <div></div>
---	---	---	---	---	---	-------------------------

State: dec

1	0	/	1	0	<div></div> 0 <div></div>	
---	---	---	---	---	---------------------------	--

State: dec

1	0	/	1	<div></div> 0 <div></div>	0	
---	---	---	---	---------------------------	---	--

State: dec

1	0	/	<div></div> 1 <div></div>	0	0	
---	---	---	---------------------------	---	---	--

State: carry

1	0	/	0	<div></div> 0 <div></div>	0	
---	---	---	---	---------------------------	---	--

State: carry

1	0	/	0	2	<div></div> 0 <div></div>	
---	---	---	---	---	---------------------------	--

State: carry

1	0	/	0	2	2	<div></div> <div></div>
---	---	---	---	---	---	-------------------------

State: goLeft

1	0	/	0	2	<div></div> 2 <div></div>	
---	---	---	---	---	---------------------------	--

State: goLeft

1	0	/	0	2	2	
---	---	---	---	---	---	--

State: goLeft

1	0	/	0	2	2	
---	---	---	---	---	---	--

State: goLeft

1	0	/	0	2	2	
---	---	---	---	---	---	--

State: inc

1	0	/	0	2	2	
---	---	---	---	---	---	--

State: goRight

1	1	/	0	2	2	
---	---	---	---	---	---	--

State: goRight

1	1	/	0	2	2	
---	---	---	---	---	---	--

State: goRight

1	1	/	0	2	2	
---	---	---	---	---	---	--

State: goRight

1	1	/	0	2	2	
---	---	---	---	---	---	--

State: goRight

1	1	/	0	2	2	
---	---	---	---	---	---	--

State: dec

1	1	/	0	2	2	
---	---	---	---	---	---	--

State: carry

1	1	/	0	2	1	<div></div>	<div></div>
---	---	---	---	---	---	-------------	-------------

State: goLeft

1	1	/	0	2	<div></div>	1	<div></div>
---	---	---	---	---	-------------	---	-------------

State: goLeft

1	1	/	0	<div></div>	2	<div></div>	1
---	---	---	---	-------------	---	-------------	---

State: goLeft

1	1	/	<div></div>	0	2	1	
---	---	---	-------------	---	---	---	--

State: goLeft

1	1	<div></div>	/	<div></div>	0	2	1
---	---	-------------	---	-------------	---	---	---

State: inc

1	<div></div>	1	<div></div>	/	0	2	1
---	-------------	---	-------------	---	---	---	---

State: inc

<div></div>	1	<div></div>	0	/	0	2	1
-------------	---	-------------	---	---	---	---	---

State: inc

<div></div>	<div></div>	0	0	/	0	2	1
-------------	-------------	---	---	---	---	---	---

State: goRight

1	<div></div>	0	<div></div>	0	/	0	2
---	-------------	---	-------------	---	---	---	---

State: goRight

1	0	<div></div>	0	<div></div>	/	0	2
---	---	-------------	---	-------------	---	---	---

State: goRight

1	0	0	<div></div> / <div></div>	0	2	1	
---	---	---	---------------------------	---	---	---	--

State: goRight

1	0	0	/	<div></div> 0 <div></div>	2	1	
---	---	---	---	---------------------------	---	---	--

State: goRight

1	0	0	/	0	<div></div> 2 <div></div>	1	
---	---	---	---	---	---------------------------	---	--

State: goRight

1	0	0	/	0	2	<div></div> 1 <div></div>	
---	---	---	---	---	---	---------------------------	--

State: goRight

1	0	0	/	0	2	1	<div></div> <div></div>
---	---	---	---	---	---	---	-------------------------

State: dec

1	0	0	/	0	2	<div></div> 1 <div></div>	
---	---	---	---	---	---	---------------------------	--

State: carry

1	0	0	/	0	2	0	<div></div> <div></div>
---	---	---	---	---	---	---	-------------------------

State: goLeft

1	0	0	/	0	2	<div></div> 0 <div></div>	
---	---	---	---	---	---	---------------------------	--

State: goLeft

1	0	0	/	0	<div></div> 2 <div></div>	0	
---	---	---	---	---	---------------------------	---	--

State: goLeft

1	0	0	/	<div></div> 0 <div></div>	2	0	
---	---	---	---	---------------------------	---	---	--

State: goLeft

1	0	0	/	0	2	0	
---	---	---	---	---	---	---	--

State: inc

1	0	0	/	0	2	0	
---	---	---	---	---	---	---	--

State: goRight

1	0	1	/	0	2	0	
---	---	---	---	---	---	---	--

State: goRight

1	0	1	/	0	2	0	
---	---	---	---	---	---	---	--

State: goRight

1	0	1	/	0	2	0	
---	---	---	---	---	---	---	--

State: goRight

1	0	1	/	0	2	0	
---	---	---	---	---	---	---	--

State: goRight

1	0	1	/	0	2	0	
---	---	---	---	---	---	---	--

State: dec

1	0	1	/	0	2	0	
---	---	---	---	---	---	---	--

State: dec

1	0	1	/	0	2	0	
---	---	---	---	---	---	---	--

State: carry

1	0	1	/	0	1	0	
---	---	---	---	---	---	---	--

State: carry

1	0	1	/	0	1	2	<div></div>	<div></div>
---	---	---	---	---	---	---	-------------	-------------

State: goLeft

1	0	1	/	0	1	<div></div>	2	<div></div>
---	---	---	---	---	---	-------------	---	-------------

State: goLeft

1	0	1	/	0	<div></div>	1	<div></div>	2
---	---	---	---	---	-------------	---	-------------	---

State: goLeft

1	0	1	/	<div></div>	0	<div></div>	1	2
---	---	---	---	-------------	---	-------------	---	---

State: goLeft

1	0	1	<div></div>	/	<div></div>	0	1	2
---	---	---	-------------	---	-------------	---	---	---

State: inc

1	0	<div></div>	1	<div></div>	/	0	1	2
---	---	-------------	---	-------------	---	---	---	---

State: inc

1	<div></div>	0	<div></div>	0	/	0	1	2
---	-------------	---	-------------	---	---	---	---	---

State: goRight

1	1	<div></div>	0	<div></div>	/	0	1	2
---	---	-------------	---	-------------	---	---	---	---

State: goRight

1	1	0	<div></div>	/	<div></div>	0	1	2
---	---	---	-------------	---	-------------	---	---	---

State: goRight

1	1	0	/	<div></div>	0	<div></div>	1	2
---	---	---	---	-------------	---	-------------	---	---

State: goRight

1	1	0	/	0	1	2	
---	---	---	---	---	---	---	--

State: goRight

1	1	0	/	0	1	2	
---	---	---	---	---	---	---	--

State: goRight

1	1	0	/	0	1	2	
---	---	---	---	---	---	---	--

State: dec

1	1	0	/	0	1	2	
---	---	---	---	---	---	---	--

State: carry

1	1	0	/	0	1	1	
---	---	---	---	---	---	---	--

State: goLeft

1	1	0	/	0	1	1	
---	---	---	---	---	---	---	--

State: goLeft

1	1	0	/	0	1	1	
---	---	---	---	---	---	---	--

State: goLeft

1	1	0	/	0	1	1	
---	---	---	---	---	---	---	--

State: goLeft

1	1	0	/	0	1	1	
---	---	---	---	---	---	---	--

State: inc

1	1	0	/	0	1	1	
---	---	---	---	---	---	---	--

State: goRight

1	1	1	/	0	1	1	
---	---	---	---	---	---	---	--

State: goRight

1	1	1	/	0	1	1	
---	---	---	---	---	---	---	--

State: goRight

1	1	1	/	0	1	1	
---	---	---	---	---	---	---	--

State: goRight

1	1	1	/	0	1	1	
---	---	---	---	---	---	---	--

State: goRight

1	1	1	/	0	1	1	
---	---	---	---	---	---	---	--

State: dec

1	1	1	/	0	1	1	
---	---	---	---	---	---	---	--

State: carry

1	1	1	/	0	1	0	
---	---	---	---	---	---	---	--

State: goLeft

1	1	1	/	0	1	0	
---	---	---	---	---	---	---	--

State: goLeft

1	1	1	/	0	1	0	
---	---	---	---	---	---	---	--

State: goLeft

1	1	1	/	0	1	0	
---	---	---	---	---	---	---	--

State: goLeft

1	1	1	/	0	1	0	
---	---	---	---	---	---	---	--

State: inc

1	1	1	/	0	1	0	
---	---	---	---	---	---	---	--

State: inc

1	1	0	/	0	1	0	
---	---	---	---	---	---	---	--

State: inc

1	0	0	/	0	1	0	
---	---	---	---	---	---	---	--

State: inc

	0	0	0	/	0	1	0
--	---	---	---	---	---	---	---

State: goRight

1	0	0	0	/	0	1	0
---	---	---	---	---	---	---	---

State: goRight

1	0	0	0	/	0	1	0
---	---	---	---	---	---	---	---

State: goRight

1	0	0	0	/	0	1	0
---	---	---	---	---	---	---	---

State: goRight

1	0	0	0	/	0	1	0
---	---	---	---	---	---	---	---

State: goRight

1	0	0	0	/	0	1	0
---	---	---	---	---	---	---	---

State: goRight

1	0	0	0	/	0	1	0	
---	---	---	---	---	---	---	---	--

State: goRight

1	0	0	0	/	0	1	0	
---	---	---	---	---	---	---	---	--

State: goRight

1	0	0	0	/	0	1	0	
---	---	---	---	---	---	---	---	--

State: dec

1	0	0	0	/	0	1	0	
---	---	---	---	---	---	---	---	--

State: dec

1	0	0	0	/	0	1	0	
---	---	---	---	---	---	---	---	--

State: carry

1	0	0	0	/	0	0	0	
---	---	---	---	---	---	---	---	--

State: carry

1	0	0	0	/	0	0	2	
---	---	---	---	---	---	---	---	--

State: goLeft

1	0	0	0	/	0	0	2	
---	---	---	---	---	---	---	---	--

State: goLeft

1	0	0	0	/	0	0	2	
---	---	---	---	---	---	---	---	--

State: goLeft

1	0	0	0	/	0	0	2	
---	---	---	---	---	---	---	---	--

State: goLeft

1	0	0	0	<div></div> / <div></div>	0	0	2	
---	---	---	---	---------------------------	---	---	---	--

State: inc

1	0	0	<div></div> 0 <div></div>	/	0	0	2	
---	---	---	---------------------------	---	---	---	---	--

State: goRight

1	0	0	1	<div></div> / <div></div>	0	0	2	
---	---	---	---	---------------------------	---	---	---	--

State: goRight

1	0	0	1	/	<div></div> 0 <div></div>	0	2	
---	---	---	---	---	---------------------------	---	---	--

State: goRight

1	0	0	1	/	0	<div></div> 0 <div></div>	2	
---	---	---	---	---	---	---------------------------	---	--

State: goRight

1	0	0	1	/	0	0	<div></div> 2 <div></div>	
---	---	---	---	---	---	---	---------------------------	--

State: goRight

1	0	0	1	/	0	0	2	<div></div> <div></div>
---	---	---	---	---	---	---	---	-------------------------

State: dec

1	0	0	1	/	0	0	<div></div> 2 <div></div>	
---	---	---	---	---	---	---	---------------------------	--

State: carry

1	0	0	1	/	0	0	1	<div></div> <div></div>
---	---	---	---	---	---	---	---	-------------------------

State: goLeft

1	0	0	1	/	0	0	<div></div> 1 <div></div>	
---	---	---	---	---	---	---	---------------------------	--

State: goLeft

1	0	0	1	/	0	0	1	
---	---	---	---	---	---	---	---	--

State: goLeft

1	0	0	1	/	0	0	1	
---	---	---	---	---	---	---	---	--

State: goLeft

1	0	0	1	/	0	0	1	
---	---	---	---	---	---	---	---	--

State: inc

1	0	0	1	/	0	0	1	
---	---	---	---	---	---	---	---	--

State: inc

1	0	0	0	/	0	0	1	
---	---	---	---	---	---	---	---	--

State: goRight

1	0	1	0	/	0	0	1	
---	---	---	---	---	---	---	---	--

State: goRight

1	0	1	0	/	0	0	1	
---	---	---	---	---	---	---	---	--

State: goRight

1	0	1	0	/	0	0	1	
---	---	---	---	---	---	---	---	--

State: goRight

1	0	1	0	/	0	0	1	
---	---	---	---	---	---	---	---	--

State: goRight

1	0	1	0	/	0	0	1	
---	---	---	---	---	---	---	---	--

State: goRight

1	0	1	0	/	0	0	1		
---	---	---	---	---	---	---	---	--	--

State: dec

1	0	1	0	/	0	0	1		
---	---	---	---	---	---	---	---	--	--

State: carry

1	0	1	0	/	0	0	0		
---	---	---	---	---	---	---	---	--	--

State: goLeft

1	0	1	0	/	0	0	0		
---	---	---	---	---	---	---	---	--	--

State: goLeft

1	0	1	0	/	0	0	0		
---	---	---	---	---	---	---	---	--	--

State: goLeft

1	0	1	0	/	0	0	0		
---	---	---	---	---	---	---	---	--	--

State: goLeft

1	0	1	0	/	0	0	0		
---	---	---	---	---	---	---	---	--	--

State: inc

1	0	1	0	/	0	0	0		
---	---	---	---	---	---	---	---	--	--

State: goRight

1	0	1	1	/	0	0	0		
---	---	---	---	---	---	---	---	--	--

State: goRight

1	0	1	1	/	0	0	0		
---	---	---	---	---	---	---	---	--	--

State: goRight

1	0	1	1	/	0	<div></div> 0 <div></div>	0	
---	---	---	---	---	---	---------------------------	---	--

State: goRight

1	0	1	1	/	0	0	<div></div> 0 <div></div>	
---	---	---	---	---	---	---	---------------------------	--

State: goRight

1	0	1	1	/	0	0	0	<div></div> <div></div>
---	---	---	---	---	---	---	---	-------------------------

State: dec

1	0	1	1	/	0	0	<div></div> 0 <div></div>	
---	---	---	---	---	---	---	---------------------------	--

State: dec

1	0	1	1	/	0	<div></div> 0 <div></div>	0	
---	---	---	---	---	---	---------------------------	---	--

State: dec

1	0	1	1	/	<div></div> 0 <div></div>	0	0	
---	---	---	---	---	---------------------------	---	---	--

State: dec

1	0	1	1	<div></div> /div>	0	0	0	
---	---	---	---	-------------------	---	---	---	--

State: end

1	0	1	1	/	<div></div> 0 <div></div>	0	0	
---	---	---	---	---	---------------------------	---	---	--

State: end

1	0	1	1	/	0	<div></div> 0 <div></div>	0	
---	---	---	---	---	---	---------------------------	---	--

State: end

1	0	1	1	/	0	0	<div></div> 0 <div></div>	
---	---	---	---	---	---	---	---------------------------	--

State: end

1	0	1	1	/	0	0	0	<div></div>	<div></div>
---	---	---	---	---	---	---	---	-------------	-------------

State: clean

1	0	1	1	/	0	0	<div></div> 0 <div></div>		
---	---	---	---	---	---	---	---------------------------	--	--

State: clean

1	0	1	1	/	0	<div></div> 0 <div></div>			
---	---	---	---	---	---	---------------------------	--	--	--

State: clean

1	0	1	1	/	<div></div> 0 <div></div>				
---	---	---	---	---	---------------------------	--	--	--	--

State: clean

1	0	1	1	<div></div> /div>					
---	---	---	---	-------------------	--	--	--	--	--

State: home

1	0	1	<div></div> 1 <div></div>						
---	---	---	---------------------------	--	--	--	--	--	--

State: home

1	0	<div></div> 1 <div></div>	1						
---	---	---------------------------	---	--	--	--	--	--	--

State: home

1	<div></div> 0 <div></div>	1	1						
---	---------------------------	---	---	--	--	--	--	--	--

State: home

<div></div> 1 <div></div>	0	1	1						
---------------------------	---	---	---	--	--	--	--	--	--

State: home

<div></div> <div></div>	1	0	1	1					
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State: preac

	1	0	1	1					
--	---	---	---	---	--	--	--	--	--

State: Accept

	1	0	1	1					
--	---	---	---	---	--	--	--	--	--

ACCEPTED