

Age: 40, Gender: Male, Education: 2, Occupation: Insurance agent, Prog.Exp.: 1, Comp.Exp.: F F T F F , Mode: experimental

Age: 40, Gender: Male, Education: 4, Occupation: Self-employed; Information Technology, Prog.Exp.: 1, Comp.Exp.: F T T F F , Mode: experimental

Age: 30, Gender: Male, Education: 3, Occupation: Designer, Prog.Exp.: 3, Comp.Exp.: T T T F F , Mode: experimental

Age: 30, Gender: Male, Education: 3, Occupation: Retail - Cashier, Prog.Exp.: 1, Comp.Exp.: F F F F F , Mode: baseline

Age: 20, Gender: Male, Education: 4, Occupation: Self Employed, Prog.Exp.: 2, Comp.Exp.: F F F F F , Mode: baseline

Age: 30, Gender: Male, Education: 3, Occupation: MTURKER, Prog.Exp.: 1, Comp.Exp.: F F F F F , Mode: baseline

Age: 30, Gender: Male, Education: 4, Occupation: web designer, Prog.Exp.: 3, Comp.Exp.: T T T T T , Mode: experimental

Age: 30, Gender: Male, Education: 4, Occupation: sales, Prog.Exp.: 1, Comp.Exp.: F F T F F , Mode: baseline

Age: 20, Gender: Male, Education: 4, Occupation: Student, Prog.Exp.: 1, Comp.Exp.: F F T F F , Mode: baseline

Age: 30, Gender: Male, Education: 4, Occupation: retail stocker, Prog.Exp.: 4, Comp.Exp.: F F T T T , Mode: baseline

Age: 30, Gender: Female, Education: 3, Occupation: tech support agent, Prog.Exp.: 1, Comp.Exp.: F F F F F , Mode: experimental

Age: , Gender: Male, Education: 4, Occupation: self employed, Prog.Exp.: 2, Comp.Exp.: T T T T F , Mode: baseline

Age: 30, Gender: Female, Education: 3, Occupation: n/a, Prog.Exp.: 2, Comp.Exp.: T T T F F , Mode: experimental

Age: 30, Gender: Female, Education: 4, Occupation: microbiologist, Prog.Exp.: 1, Comp.Exp.: F F T F F , Mode: experimental

Age: 40, Gender: Female, Education: 4, Occupation: Unemployed, Prog.Exp.: 1, Comp.Exp.: F F F F F , Mode: experimental

Age: 30, Gender: Female, Education: 4, Occupation: Unemployed, Prog.Exp.: 2, Comp.Exp.: F T T F T , Mode: experimental

Age: 30, Gender: Male, Education: 4, Occupation: Customer Service, Prog.Exp.: 2, Comp.Exp.: F F T F T , Mode: baseline

Age: 20, Gender: Female, Education: 3, Occupation: STUDENT, Prog.Exp.: 2, Comp.Exp.: F F T T F , Mode: experimental

Age: 20, Gender: Male, Education: 3, Occupation: sales, Prog.Exp.: 1, Comp.Exp.: T T T F F , Mode: baseline

Age: 50, Gender: Female, Education: 4, Occupation: Homemaker, Prog.Exp.: 1, Comp.Exp.: F F T F F , Mode: baseline

Age: 50, Gender: Female, Education: 4, Occupation: self employed, Prog.Exp.: 1, Comp.Exp.: F F F F F , Mode: experimental

Age: , Gender: Female, Education: 3, Occupation: sales, Prog.Exp.: 1, Comp.Exp.: F F T F F , Mode: baseline

Age: 30, Gender: Male, Education: 4, Occupation: sales, Prog.Exp.: 1, Comp.Exp.: F F F F F , Mode: baseline

Age: 30, Gender: Female, Education: 3, Occupation: Writer, Prog.Exp.: 1, Comp.Exp.: F F F F F , Mode: baseline

Age: 30, Gender: , Education: 5, Occupation: Program Manager, Prog.Exp.: 3, Comp.Exp.: F T T T F , Mode: baseline

Age: 30, Gender: Female, Education: 7, Occupation: Graduate student, Prog.Exp.: 2, Comp.Exp.: F F T T T , Mode: experimental

Age: 30, Gender: Male, Education: 4, Occupation: High school history teacher, Prog.Exp.: 1, Comp.Exp.: T F T F F , Mode: experimental

Age: 30, Gender: Male, Education: 3, Occupation: Self-Employed, Prog.Exp.: 3, Comp.Exp.: F T T F F , Mode: experimental

Age: 30, Gender: Male, Education: 3, Occupation: Freelancer, Prog.Exp.: 2, Comp.Exp.: F F T F T , Mode: experimental

Age: 40, Gender: Male, Education: 5, Occupation: Military, Prog.Exp.: 1, Comp.Exp.: F F F F F , Mode: baseline

## Input + 1 tutorial\_1

1e	<table><tr><td>IN</td><td>1</td><td></td></tr><tr><td>OUT</td><td>2</td><td>2</td></tr></table> <div>5.62 sec</div> <div>}</div>	IN	1		OUT	2	2						
IN	1												
OUT	2	2											
2e	<table><tr><td>IN</td><td>1</td><td></td></tr><tr><td>OUT</td><td>2</td><td>2</td></tr></table> <div>21.982 sec</div> <div>}</div>	IN	1		OUT	2	2						
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OUT	2	2											
3e	<table><tr><td>IN</td><td>1</td><td></td></tr><tr><td>OUT</td><td>2</td><td>2</td></tr></table> <div>10.841 sec</div> <div>}</div>	IN	1		OUT	2	2						
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OUT	2	2											
4b	<table><tr><td>IN</td><td>1</td><td></td></tr><tr><td>OUT</td><td>2</td><td>2</td></tr></table> <div>12.498 sec</div> <div>}</div>	IN	1		OUT	2	2						
IN	1												
OUT	2	2											
5b	<table><tr><td>IN</td><td>1</td><td></td></tr><tr><td>OUT</td><td>2</td><td>2</td></tr></table> <div>13.803 sec</div> <div>}</div>	IN	1		OUT	2	2						
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OUT	2	2											
6b	<table><tr><td>IN</td><td>1</td><td></td></tr><tr><td>OUT</td><td>2</td><td>2</td></tr></table> <div>20.715 sec</div> <div>}</div>	IN	1		OUT	2	2						
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OUT	2	2											
7e	<table><tr><td>IN</td><td>1</td><td></td></tr><tr><td>OUT</td><td>2</td><td>2</td></tr></table> <div>10.875 sec</div> <div>}</div>	IN	1		OUT	2	2						
IN	1												
OUT	2	2											
8b	<table><tr><td>IN</td><td>1</td><td></td></tr><tr><td>OUT</td><td>5</td><td>2</td></tr></table> <div>23.983 sec</div> <table><tr><td>IN</td><td>1</td><td></td></tr><tr><td>OUT</td><td>2</td><td>2</td></tr></table> <div>12.827 sec</div> <div>}</div>	IN	1		OUT	5	2	IN	1		OUT	2	2
IN	1												
OUT	5	2											
IN	1												
OUT	2	2											
9b	<table><tr><td>IN</td><td>1</td><td></td></tr><tr><td>OUT</td><td>2</td><td>2</td></tr></table> <div>2.401 sec</div> <div>}</div>	IN	1		OUT	2	2						
IN	1												
OUT	2	2											
10b	<table><tr><td>IN</td><td>1</td><td></td></tr><tr><td>OUT</td><td>2</td><td>2</td></tr></table> <div>2.099 sec</div> <div>}</div>	IN	1		OUT	2	2						
IN	1												
OUT	2	2											

11e

IN	1	
OUT	2	2

11.23 sec

12b

IN	1	
OUT	1	13

1.891 sec

IN	1	
OUT	2	2

5.966 sec

13e

IN	1	
OUT	2	2

5.77 sec

14e

IN	1	
OUT	2	2

1.593 sec

15e

IN	1	
OUT	2	2

35.42 sec

16e

IN	1	
OUT	2	2

4.837 sec

17b

IN	1	
OUT	2	2

3.378 sec

IN	1	
OUT	2	2

134.253 sec

18e

IN	1	
OUT	2	2

19.657 sec

19b

IN	1	
OUT		1

2.214 sec

IN	1	
OUT	2	2

4.533 sec

20b

IN	1	
OUT	2	2

141.15 sec

21e

IN	1	
OUT	2	2

5.02 sec

22b

IN	1	
OUT	2	2

57.058 sec

23b

IN	1	
OUT		1

6.926 sec

IN	1	
OUT	2	2

4.796 sec

24b

IN	1	
OUT	2	2

8.21 sec

25b	<table> <tr><td>IN</td><td>1</td><td></td></tr> <tr><td>OUT</td><td>5</td><td>2</td></tr> <tr><td colspan="3">3.658 sec</td></tr> </table> <table> <tr><td>IN</td><td>1</td><td></td></tr> <tr><td>OUT</td><td>3</td><td>2</td></tr> <tr><td colspan="3">22.288 sec</td></tr> </table> <table> <tr><td>IN</td><td>1</td><td></td></tr> <tr><td>OUT</td><td>100</td><td>2</td></tr> <tr><td colspan="3">2.897 sec</td></tr> </table> <table> <tr><td>IN</td><td>1</td><td></td></tr> <tr><td>OUT</td><td>1</td><td>13</td></tr> <tr><td colspan="3">1.883 sec</td></tr> </table> <table> <tr><td>IN</td><td>1</td><td></td></tr> <tr><td>OUT</td><td>2</td><td>2</td></tr> <tr><td colspan="3">10.011 sec</td></tr> </table>	IN	1		OUT	5	2	3.658 sec			IN	1		OUT	3	2	22.288 sec			IN	1		OUT	100	2	2.897 sec			IN	1		OUT	1	13	1.883 sec			IN	1		OUT	2	2	10.011 sec			}
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26e	<table> <tr><td>IN</td><td>1</td><td></td></tr> <tr><td>OUT</td><td>2</td><td>2</td></tr> <tr><td colspan="3">10.981 sec</td></tr> </table>	IN	1		OUT	2	2	10.981 sec			}																																				
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OUT	2	2																																													
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27e	<table> <tr><td>IN</td><td>1</td><td></td></tr> <tr><td>OUT</td><td>2</td><td>2</td></tr> <tr><td colspan="3">6.059 sec</td></tr> </table>	IN	1		OUT	2	2	6.059 sec			}																																				
IN	1																																														
OUT	2	2																																													
6.059 sec																																															
28e	<table> <tr><td>IN</td><td>1</td><td></td></tr> <tr><td>OUT</td><td>2</td><td>2</td></tr> <tr><td colspan="3">9.996 sec</td></tr> </table>	IN	1		OUT	2	2	9.996 sec			}																																				
IN	1																																														
OUT	2	2																																													
9.996 sec																																															
29e	<table> <tr><td>IN</td><td>1</td><td></td></tr> <tr><td>OUT</td><td>+1</td><td>12</td></tr> <tr><td colspan="3">12.827 sec</td></tr> </table> <table> <tr><td>IN</td><td>1</td><td></td></tr> <tr><td>OUT</td><td>2</td><td>2</td></tr> <tr><td colspan="3">11.508 sec</td></tr> </table>	IN	1		OUT	+1	12	12.827 sec			IN	1		OUT	2	2	11.508 sec			}																											
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OUT	+1	12																																													
12.827 sec																																															
IN	1																																														
OUT	2	2																																													
11.508 sec																																															
30b	<table> <tr><td>IN</td><td>0</td><td></td></tr> <tr><td>OUT</td><td>1</td><td>3</td></tr> <tr><td colspan="3">4.737 sec</td></tr> </table> <table> <tr><td>IN</td><td>1</td><td></td></tr> <tr><td>OUT</td><td>2</td><td>2</td></tr> <tr><td colspan="3">11.408 sec</td></tr> </table>	IN	0		OUT	1	3	4.737 sec			IN	1		OUT	2	2	11.408 sec			}																											
IN	0																																														
OUT	1	3																																													
4.737 sec																																															
IN	1																																														
OUT	2	2																																													
11.408 sec																																															

### Input + 1 tutorial\_arith\_1

1e

IN	1	2	
OUT	2	3	1

31.284 sec

}

2e

IN	1	2	
OUT	2	3	1

13.248 sec

}

3e

IN	1	2	3	
OUT	2	3	4	1

13.561 sec

}

4b

IN	2	3	4	
OUT	3	4	5	1

13.008 sec

}

5b

IN	1	4	
OUT	2	5	1

9.068 sec

}

6b

IN	1	2	
OUT	2	3	1

22.849 sec

}

7e

IN	1	2	
OUT	2	4	1

5.685 sec

IN	1	2	3	
OUT	2	4	6	1

26.043 sec

IN	1	2	3	
OUT	2	4	6	1

3.126 sec

IN	1	2	
OUT	2	3	1

18.649 sec

}

IN	1	2	
OUT	2	3	1

8.329 sec

8b {}

IN	2	
OUT	3	1

1.25 sec

9b {}

IN	1	2	
OUT	2	3	1

1.8 sec

10b {}

IN	1	2	
OUT	2	3	1

9.427 sec

11e {}

IN	1	2	
OUT	2	4	1

13.238 sec

IN	1	2	
OUT	2	3	1

5.492 sec

12b {}

IN	1	2	
OUT	2	3	1

18.376 sec

13e {}

IN	1	5	
OUT	2	6	1

8.538 sec

14e {}

IN	1	4	
OUT	2	5	1

12.959 sec

15e {}

IN	1	5	
OUT	2	6	1

4.894 sec

16e {}

IN	1	2	3	
OUT	2	4	6	1

7.304 sec

IN	1	2	3	4	
OUT	2	4	6	8	1

11.785 sec

IN	1	2	3	4	5	
OUT	2	4	6	8	10	0

15.55 sec

IN	1	2	3	4	5	6	
OUT	2	4	6	8	10	12	1

5.135 sec

17b

IN	2	3	4	5	6	
OUT	4	6	8	10	12	1

6.402 sec

IN	2	3	4	5	6	
OUT	4	6	8	10	12	1

0.959 sec

IN	2	3	4	5	6	50	
OUT	4	6	8	10	12	100	1

9.16 sec

IN	2	3	4	5	6	50	32	
OUT	4	6	8	10	12	100	64	1

16.536 sec

IN	2	3	4	5	6	50	32	958	
OUT	4	6	8	10	12	100	64	1916	1

9.953 sec

IN	2	3	4	5	6	50	32	958	
OUT	4	6	8	10	12	100	64	1916	1

0.665 sec

IN	2	3	4	5	6	50	32	958	
OUT	4	6	8	10	12	100	64	1916	1

0.371 sec

IN	2	3	4	5	6	50	32	958	
OUT	4	6	8	10	12	100	64	1916	1

0.18 sec

IN	2	3	4	5	6	50	32	958	
OUT	4	6	8	10	12	100	64	1916	1

0.184 sec

IN	2	3	4	5	6	50	32	958	
OUT	4	6	8	10	12	100	64	1916	1

0.192 sec

IN	2	3	4	5	6	50	32	958	
OUT	4	6	8	10	12	100	64	1916	1

3.3 sec

IN	2	3	4	5	6	50	32	958	
OUT	4	6	8	10	12	100	64	1916	1

14.31 sec

IN	2	3	4	5	6	50	32	958	
OUT	4	6	8	10	12	100	64	1916	1

0.319 sec

IN	2	3	4	5	6	50	32	958	
OUT	4	6	8	10	12	100	64	1916	1

0.169 sec

IN	1	3	5	
OUT	2	4	6	1

25.684 sec

{}

IN	1	6	
OUT	2	7	1

22.879 sec

18e

{}

IN	1	2	
OUT	2	3	1

10.044 sec

19b

{}

IN	1	+1	
OUT		2	0

17.463 sec

IN	1	+1	
OUT	2	2	2

78.145 sec

IN	1	+	
OUT	2	2	0

50.855 sec

IN	+1	1	
OUT	2	2	2

12.579 sec

IN	1+1		
OUT	2		0

26.405 sec

IN	1	*2	
OUT		2	0

35.248 sec

20b

IN	1	*2	
OUT		2	0

4.684 sec

IN	1	*2	
OUT	2		0

6.96 sec

IN	1	+1	
OUT	2		0

16.157 sec

IN	1		
OUT	+1	2	0

13.659 sec

SHOW SOLUTION

IN	1	3	
OUT	2	4	1

25.724 sec

{}

IN	1	2	
OUT	2	3	1

13.721 sec

21e

{}

IN	1	2	
OUT	2	3	1

8.615 sec

22b

{}

IN	1	2	
OUT	2	3	1

3.357 sec

23b

{}

IN	1	2	
OUT	2	3	1

7.778 sec

24b

{}

IN	1	1	
OUT	2	2	2

25.696 sec

25b

IN	1	2	
OUT	2	3	1

25.533 sec

{}

IN	1	2	
OUT	2	3	1

13.512 sec

26e

{}

IN	1	2	
OUT	2	3	1

9.7 sec

27e

{}

IN	1	2	
OUT	2	3	1

4.192 sec

28e

{}

IN	1	5	
OUT	2	6	1

16.168 sec

29e

}

IN	1	2	
OUT	2	3	1

6.338 sec

30b

}

(Input + 1) \* 2 tutorial\_arith\_2

IN	1	5	
STEP	2	6	1
OUT	4	12	1

58.997 sec

1e

}

IN	1		
STEP	2	2	
OUT	4	2	

11.926 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

85.472 sec

2e

}

IN	1		
STEP	2	2	
OUT	4	2	

3.325 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

9.16 sec

3e

}

IN	1		
STEP	1	13	
OUT	4	2	

24.862 sec

IN	1		
STEP	3	2	
OUT	4	1	

12.422 sec

IN	1	2	
STEP	3	2	0
OUT	4	4	0

28.731 sec

IN	1	2	0	
STEP	3	2	4	0
OUT	4	4	4	1

12.764 sec

IN	1	2	1	
STEP	3	2	1	0
OUT	4	4	4	0

9.37 sec

IN	1	2	
STEP	3	2	0
OUT	4	4	1

3.712 sec

4b

IN	2		
STEP	2	13	
OUT	4	2	

46.566 sec

IN	3		
STEP	1	6	
OUT	4	1	

13.78 sec

IN	3	3	
STEP	1	2	0
OUT	4	5	1

30.688 sec

IN	3	3	
STEP	1	2	0
OUT	4	6	0

3.766 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

24.513 sec

SHOW SOLUTION

}

IN	1		
STEP	2	2	
OUT	4	2	

10.624 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

19.653 sec

5b

}

IN	1	1	2	
OUT	4	2	4	0

30.047 sec

IN	1	1		
OUT	4	2		0

13.644 sec

IN	1			
STEP	2			0
OUT	4			0

27.069 sec

IN	1			
STEP	*2			0
OUT	4			0

11.506 sec

IN	1			
STEP	(input+1)			0
OUT	4			0

12.553 sec

6b

IN	1			
STEP	(input+1)			0
STEP	*2			0
OUT	4			0

29.333 sec

IN	1			
STEP	(Input+1)			0
STEP	*2			0
OUT	4			0

9.721 sec

IN	1			
STEP	(Input+1)			0
STEP	*2			0
OUT	4			0

23.989 sec

IN	1			
STEP	(Input+1)			0
STEP	x2			0
OUT	4			0

10.794 sec

IN	1		
STEP	(Input+1)		0
STEP	*2		0
OUT	4		0

3.276 sec

IN	1		
STEP	(Input+1)		0
OUT	4		0

29.706 sec

IN	1	2	
STEP	(Input+1)	3	0
OUT	4	6	0

24.236 sec

SHOW SOLUTION

IN	1	2	
STEP	2	3	0
OUT	4	6	0

13.084 sec

IN	1	2	3	
STEP	2	3	4	1
OUT	4	6	8	1

10.759 sec

SHOW SOLUTION

SHOW SOLUTION

}

IN	1	
STEP	2	2
OUT	4	2

8.647 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

8.156 sec

7e

}

IN	1	2	
OUT	4	6	0

6.007 sec

IN	1	2	
STEP	2	3	0
OUT	4	6	0

33.727 sec

IN	1	2	3	
STEP	2	3	4	1
OUT	4	6	8	1

6.686 sec

8b

}

IN	1	
STEP	2	2
OUT	4	2

108.826 sec

IN	3	
STEP	1	6
OUT	8	1

23.11 sec

IN	5	
STEP	1	8
OUT	12	1

13.831 sec

IN	5	
STEP	1	8
OUT	6	1

29.534 sec

IN	5	
OUT	6	1

4.833 sec

IN	1	
OUT	4	2

21.409 sec

IN	1	
STEP	2	2
OUT		1

34.141 sec

9b

IN	1	2	
STEP	2	3	1
OUT	4	6	1

9.526 sec

}

IN	1	
STEP	2	2
OUT	4	2

3.002 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

5.481 sec

10b

}

IN	1	
STEP	2	2
OUT	4	2

10.705 sec

IN	1	3	
STEP	2	4	1
OUT	4	8	1

19.934 sec

11e

}

IN	1	
STEP	2	2
OUT	4	2

6.954 sec

IN	1	
STEP	3	2
OUT	4	1

12.52 sec

IN	1	
STEP	3	2
OUT	4	1

1.045 sec

IN	1	
STEP	3	2
OUT	4	1

0.556 sec

IN	1	
STEP	3	2
OUT	4	1

0.199 sec

IN	1	
STEP	2	2
OUT	4	2

10.471 sec

IN	1	2	
STEP	2	3	1
OUT	4	4	0

6.545 sec

12b

IN	1	2	
STEP	2*2	3	0
OUT	4	4	0

24.119 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

10.233 sec

}

IN	1	2	
STEP	2	3	1
OUT	4	6	1

64.546 sec

13e

}



IN	1	5	
OUT	4	12	0

7.514 sec

IN	1	5	
STEP	2	6	1
OUT	4	12	1

23.75 sec

14e

{u'NO\_PROGRAM\_FOUND': 1}

IN	1		
STEP	Input+1		0
OUT	4		2

17.15 sec

IN	1	2	
STEP	Input+1	Input+1	0
OUT	4	3	0

67.987 sec

IN	1	2	3
STEP	Input+1	Input+1	Input+1
OUT	4	3	4

30.052 sec

15e

IN	1	2	3
STEP	Input+1	Input+1	Input+1
OUT	2	3	4

58.9 sec

IN	1	2	3
STEP	Input+1	Input+1	Input+1
OUT	2	3	4

11.07 sec

IN	1	2	3
STEP	Input+1	Input+1	Input+1
OUT	2	3	4

1.187 sec

IN	1	2	
STEP	Input+1	Input+1	0
OUT	2	3	1

43.766 sec

IN	1	2	
STEP	Input+1	Input+1	0
OUT	2	3	1

1.942 sec

IN	1	2	
STEP	Input+1	Input+1	0
STEP			1
OUT	2	3	1

49.006 sec

IN	1	2	
STEP	+1	+1	2
STEP			1
OUT	2	3	1

26.353 sec

IN	1	2	
STEP	+1	+1	0
STEP			1
OUT	2	3	0

28.161 sec

IN	1	2	
STEP	2	3	1
STEP			1
OUT	4	6	1

122.238 sec

SHOW SOLUTION  
u'EMPTY\_CELL': 2}

SHOW SOLUTION

{u'NO\_PROGRAM\_FOUND': 11,

IN	1		
STEP	2	2	
OUT	4	2	

8.719 sec

IN	1	5	
STEP	2	6	1
OUT	4	12	1

16.557 sec

16e

{}

IN	1	5	
STEP	2	6	1
OUT	4	12	1

19.907 sec

17b

{}

IN	1		
STEP	*2		0
OUT	4	2	

44.588 sec

IN	1		
STEP	input+1		0
STEP	*2		0
OUT	4	2	

53.381 sec

IN	1		
STEP	+1	12	
STEP	*2		0
OUT	4	2	

33.233 sec

IN	1	3	
STEP	+1	+2	0
STEP	*2	*3	0
OUT	4	15	0

30.355 sec

IN	1	3	
STEP	+1	+1	4
STEP	*2	*3	0
OUT	4	15	0

36.509 sec

IN	1	3	
STEP	+1	+1	4
STEP	*2	*2	0
OUT	4	8	0

26.044 sec

18e

IN	1	3	
STEP	+1	+1	4
STEP	*2	*2	0
OUT	4	8	0

3.169 sec

IN	1	3	
STEP			1
STEP	+1	+1	1
STEP	*2	*2	0
OUT	4	8	0

39.687 sec

IN	1		3
STEP	+1		+1
STEP	Input*2		0
OUT	4		8

39.708 sec

IN	1	3	
STEP	+1	+1	4
STEP	*2		0
OUT	4	8	0

8.128 sec

IN	1	3	
STEP	+1	+1	4
STEP	*2	*2	0
OUT	4	8	0

9.332 sec

SHOW SOLUTION

IN	1	3	
STEP	2	3	0
OUT	4	8	0

27.947 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

16.208 sec

SHOW SOLUTION  
u'EMPTY\_CELL': 2}

SHOW SOLUTION

{u'NO\_PROGRAM\_FOUND': 21,

IN	1		
STEP	1	13	
OUT	4	2	

16.209 sec

IN	1		
STEP	2	2	
OUT	4	2	

9.328 sec

IN	1		
STEP	1	13	
OUT	4	2	

25.202 sec

IN	1		
STEP	4	2	
OUT	4	1	

26.327 sec

IN	1		
STEP	4	2	
OUT	4	1	

20.941 sec

IN	1		
STEP	4	2	
OUT	4	1	

0.288 sec

IN	1		
STEP	3	2	
OUT	4	1	

5.049 sec

19b

IN	1		
STEP	1	13	
OUT	4	2	

2.761 sec

IN	1		
STEP	4	2	
OUT	4	1	

3.425 sec

IN	1		
STEP	5	2	
OUT	4	1	

3.454 sec

IN	1		
STEP	6	2	
OUT	4	1	

3.169 sec

IN	3		
STEP	4	1	
OUT	4	1	

5.257 sec

IN	2		
STEP	4	2	
OUT	4	2	

9.657 sec

IN	1		
STEP	4	2	
OUT	4	1	

3.904 sec

IN	2		
STEP	4	2	
OUT	4	2	

2.727 sec

IN	3		
STEP	4	1	
OUT	4	1	

2.688 sec

IN	4		
STEP	4	17	
OUT	4	2	

3.738 sec

IN	3		
STEP	4	1	
OUT	4	1	

3.374 sec

IN	1		
STEP	1	13	
STEP	2	1	
OUT	4	2	

17.859 sec

IN	1		
STEP	2	2	
STEP	2	1	
OUT	4	2	

2.786 sec

IN	1		
STEP	2	2	
OUT	5	1	

24.786 sec

IN	1		
STEP	2	2	
OUT	4	2	

26.904 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

19.607 sec

SHOW SOLUTION

SHOW SOLUTION

{

IN	1		
STEP	2	2	
OUT	4	2	

61.562 sec

IN	1		
STEP	2	2	
STEP	2	1	
OUT	4	2	

69.058 sec

IN	1		
STEP	1	13	
STEP	2	1	
OUT	4	2	

10.814 sec

IN	1		
STEP	2	2	
STEP	2	1	
OUT	4	2	

39.716 sec

IN	1		
STEP	2	2	
STEP	4	2	
OUT	4	1	

11.089 sec

IN	1		
STEP	1	13	
OUT	4	2	

24.191 sec

IN	1		
STEP	2	2	
OUT	4	2	

13.3 sec

20b

IN	1		
STEP	1	13	
OUT	4	2	

65.677 sec

IN	1		
STEP	2	2	
OUT	4	2	

6.523 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

47.448 sec

{

IN	1		
STEP	2	2	
OUT	4	2	

8.288 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

13.971 sec

{

21e

IN	1		
STEP	2	2	
OUT	4	2	

11.793 sec

IN	1		
STEP	4	2	
OUT	4	1	

89.919 sec

IN	1		
STEP	2	2	
OUT	4	2	

19.742 sec

IN	5		
STEP	6	1	
OUT	12	1	

15.478 sec

{

22b

IN	1		
OUT	4	2	

0.0 sec

IN	1	2	
OUT	4	6	0

6.205 sec

IN	1		
STEP	2	2	
OUT	4	2	

10.663 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

6.749 sec

IN	1	2	
STEP	2	3	1
OUT	4	6	1

0.228 sec

23b

{

<b>IN</b>	1	
<b>STEP</b>	1	13
<b>OUT</b>	4	2
20.188 sec		

<b>IN</b>	1	
<b>STEP</b>	2	2
<b>OUT</b>	4	2
25.542 sec		

<b>IN</b>	1	
<b>STEP</b>	2	2
<b>OUT</b>	4	2
15.879 sec		

<b>IN</b>	1	2
<b>STEP</b>	2	3
<b>OUT</b>	4	6
46.735 sec		

24b

{}

<b>IN</b>	1	
<b>STEP</b>	2	2
<b>OUT</b>	4	2
7.703 sec		

<b>IN</b>	1	2
<b>STEP</b>	2	3
<b>OUT</b>	4	6
10.222 sec		

25b

{}

<b>IN</b>	1	
<b>STEP</b>	2	2
<b>OUT</b>	4	2
15.085 sec		

<b>IN</b>	1	2
<b>STEP</b>	2	3
<b>OUT</b>	4	6
12.244 sec		

26e

{}

<b>IN</b>	1	2
<b>OUT</b>	4	6
5.613 sec		

<b>IN</b>	1	2	3
<b>OUT</b>	4	6	8
16.506 sec			

<b>IN</b>	1	
<b>STEP</b>	2	2
<b>OUT</b>	4	2
25.783 sec		

<b>IN</b>	1	2
<b>STEP</b>	2	3
<b>OUT</b>	4	6
7.51 sec		

27e

{u'NO\_PROGRAM\_FOUND': 2}

<b>IN</b>	1	
<b>STEP</b>	2	2
<b>OUT</b>	4	2
15.525 sec		

<b>IN</b>	1	2
<b>STEP</b>	2	3
<b>OUT</b>	4	6
23.257 sec		

28e

{}

<b>IN</b>	1	
<b>STEP</b>	2	2
<b>OUT</b>	4	2
11.346 sec		

<b>IN</b>	1	4
<b>STEP</b>	2	5
<b>OUT</b>	4	18
115.011 sec		

<b>IN</b>	1	5
<b>STEP</b>	2	6
<b>OUT</b>	4	12
105.567 sec		

29e

{u'NO\_PROGRAM\_FOUND': 1}

<b>IN</b>	1	2
<b>OUT</b>	4	6
7.559 sec		

<b>IN</b>	1	3
<b>OUT</b>	4	8
32.952 sec		

<b>IN</b>	1	3	2
<b>OUT</b>	4	8	6
14.402 sec			

<b>IN</b>	1	2
<b>STEP</b>	2	3
<b>OUT</b>	4	6
35.079 sec		

30b

{}

**Get the sum of all numbers.** tutorial\_sum

<b>IN</b>	1,1	1,2	2,3
<b>OUT</b>	2	3	5
305.156 sec			

1e

{}

<b>IN</b>	1,1	1,2
<b>OUT</b>	2	3
9.094 sec		

2e

{}

<b>IN</b>	1,1	1,2	2,2
<b>OUT</b>	2	3	4
15.89 sec			

3e

{}

<b>IN</b>	1,1
<b>OUT</b>	2
0.0 sec	

<b>IN</b>	1,1	1,2
<b>OUT</b>	2	3
9.391 sec		

4b

{}

5b

IN	1,1	
OUT	2	2
3.775 sec		

IN	1,1,5,6	
OUT	2	11
14.918 sec		

}

6b

IN	1,1	
OUT	2	2
-0.001 sec		

IN	1,1,2,2	
OUT	2	4
21.562 sec		

}

7e

IN	1,1	
OUT	2	2
0.0 sec		

IN	1,1,1,1,1	
OUT	2	3
15.891 sec		

IN	1,1,1,1,1,1,1,1,1	
OUT	2	3
8.916 sec		

IN	1,1,2,1,2,2	
OUT	2	3
11.134 sec		

}

8b

IN	1,1,2,2	
OUT	2	4
6.078 sec		

}

9b

IN	1,1,3,1,4,7	
OUT	5	12
9.756 sec		

}

10b

IN	1,1,2,2	
OUT	2	4
6.616 sec		

}

11e

IN	1,1,2,5	
OUT	2	7
8.819 sec		

}

12b

IN	1,1,2,2	
OUT	2	4
11.296 sec		

}

13e

IN	1,1,1,2,2,3	
OUT	2	3
21.199 sec		

}

14e

IN	1,1,3,2,1	
OUT	2	6
14.61 sec		

}

15e

IN	1,1	
STEP	1	2
STEP	1	2
STEP		1
OUT	2	1
25.174 sec		

IN	1,1,1	
STEP	1	1
STEP	1	2
OUT	2	2
58.008 sec		

IN	1,1,1,1	
STEP	1	1
STEP	1	1
STEP	1	2
OUT	2	2
12.257 sec		

IN	1,1,1,1	
STEP	1	1
STEP	1	1
STEP	1	2
OUT	2	2
1.985 sec		

IN	1,1,1,1	
STEP	1+1	1
STEP	1	1
STEP	1	0
OUT	2	2
17.561 sec		

IN	1,1,1,1	
STEP	1	1
STEP	1	1
STEP	1	2
OUT	2	2
31.311 sec		

IN	1,1,2,2,1	
STEP	1	2
STEP	1	1
STEP	1	2
OUT	2	4
39.644 sec		

IN	1,1,2,2,3,3	
STEP	1	2
STEP	1	3
STEP	1	2
OUT	2	4
18.409 sec		

IN	1,1,2,2,3,3	
STEP	1	2
STEP	1	3
STEP	1	2
OUT	2	4
3.371 sec		

IN	1,1,2,2,3,3,2,4	
STEP	1	2
STEP	1	3
STEP	1	4
STEP	1	1
OUT	2	4
32.957 sec		

{u'NO\_PROGRAM\_FOUND': 2}

IN	1,1	5,5	
OUT	2	10	1

6.25 sec

16e {}

IN	1,1	3,6	15,17	
OUT	2	9	32	1

10.264 sec

10.264 sec

17b {}

IN	1,1	1,2,3	
OUT	2	6	1

12.853 sec

18e {}

IN	1,1	
OUT	2	2

-0.004 sec

IN	1,1	
OUT	3	0

15.526 sec

IN	1,1	
OUT	2	2

4.608 sec

IN	1,1	
OUT	2	0

5.58 sec

IN	1,1	
OUT	2	0

0.247 sec

IN	1,1	
OUT	2	0

0.168 sec

19b

IN	1,1	
OUT	2	0

0.16 sec

IN	1,1	
OUT	2	0

0.195 sec

IN	1,1	
OUT	2	0

0.115 sec

IN	1,1	
OUT	2	0

0.161 sec

IN	1,1	
OUT	2	0

0.16 sec

IN	1,1	
OUT	2	0

0.153 sec

IN	1,1	
OUT	2	0

0.152 sec

IN	1	1	
OUT	2	2	2

8.958 sec

8.958 sec

IN	1	1	
STEP			1
OUT	2	2	0

7.83 sec

IN	1	1	
STEP			1
OUT	2	2	0

0.859 sec

IN	1	1	
STEP	dfv		0
OUT	2	2	0

2.024 sec

IN	1	1	
STEP	dfv	cv	0
OUT	2	2	0

1.46 sec

IN	1	1	
STEP	dfv	cv	0
OUT	2	2	0

0.169 sec

IN	1	1	
STEP	dfv	cv	0
OUT	2	2	0

0.992 sec

IN	1	1		
STEP	dfv	cv		0
OUT	2	2	x	0

1.223 sec

1.223 sec

IN	1	1		
STEP	dfv	cv	3	0
OUT	2	2	x	0

2.056 sec

2.056 sec

IN	1	1		
STEP	dfv	cv	3	0
OUT	2	2	x	0

0.295 sec

0.295 sec

IN	1	1		
STEP	dfv	cv3	3	0
OUT	2	22	x	0

1.738 sec

1.738 sec

IN	1	1	22	
STEP	dfv	cv3	3	0
OUT	2	22	x	0

1.232 sec

1.232 sec

IN	1	1	22	
STEP	dfv	cv3	3	0
OUT	2	22	x	0

0.377 sec

0.377 sec

IN	1	1	22
STEP	dfv	cv3	3
OUT	2	22	x

0.19 sec

0.19 sec

IN	1,1	
OUT	2,2	4

21.676 sec

IN	1,1	
OUT	1,1	9

5.552 sec

IN	1,1	
OUT	1,1	9

4.657 sec

IN	1,1	
OUT	2	2

9.624 sec

IN	1,1	2,2	
OUT	2	4	1

10.471 sec

10.471 sec

{}

IN	1,1	1,2	
OUT	2	3	1

11.936 sec

11.936 sec

20b {}

IN	1,1	2,3	
OUT	2	5	1

8.979 sec

8.979 sec

21e {}

IN	1,1	
OUT	2	2

0.0 sec

IN	3,1,2	
OUT	6	1

21.658 sec

22b {}

IN	1,1	2,3	
OUT	2	5	1

6.12 sec

6.12 sec

23b {}

24b

IN	1,1	
OUT	2	2

-0.004 sec

IN	1,1	1,2	3,4	
OUT	2	3	7	1

19.026 sec

}

25b

IN	1,1	2,2	
OUT	2	4	1

8.119 sec

}

26e

IN	1,1	1,2,3	
OUT	2	6	1

7.905 sec

}

27e

IN	1,1	
OUT	2	2

-0.002 sec

IN	1,1	1,2	
OUT	2	3	1

15.421 sec

}

28e

IN	1,1	2,1	
OUT	2	3	1

13.001 sec

}

29e

IN	1,1	2,5	
OUT	2	7	1

88.607 sec

}

30b

IN	1,1	2,2	
OUT	2	4	1

10.582 sec

}

Get length of a text value (including spaces). tutorial\_text\_extraction

1e

IN	yes	
OUT	3	1

4.337 sec

}

2e

IN	yes	
OUT	3	1

1.961 sec

}

3e

IN	yes	no	foo	bar	Twas brillig	
OUT	3	2	3	3	12	1

40.568 sec

}

4b

IN	yes	
OUT	3	1

1.248 sec

}

5b

IN	yes	
OUT	3	1

7.001 sec

}

6b

IN	yes	no	
OUT	3	2	1

4.992 sec

}

IN	yes	
OUT	3	1

1.426 sec

7e

}

IN	yes	no	
OUT	3	2	1

4.617 sec

8b

}

IN	yes	no	get out	
OUT	3	2	7	1

10.316 sec

9b

}

IN	yes	no	
OUT	3	2	1

4.22 sec

10b

}

IN	yes	no	y	u	
OUT	3	2	3	1	

19.631 sec

11e

}

IN	yes	
OUT	3	1

4.67 sec

12b

}

IN	yes	no	maybe	
OUT	3	2	5	1

11.593 sec

13e

}

IN	yes	mine	
OUT	3	4	1

5.673 sec

14e

}

IN	yes	
OUT	3	1

2.532 sec

15e

}

IN	yes	no	
OUT	3	2	1

8.32 sec

16e

}

IN	yes	no	way	including spaces	
OUT	3	6	16	1	

22.674 sec

17b

}

IN	yes	
OUT		1

0.0 sec

IN	yes	
OUT	3	1

17.543 sec

18e

}

IN	yes	
OUT	3	1

2.473 sec

19b

}

IN	yes	no	
OUT	3	2	1

13.696 sec

20b

}

21e

IN	yes	
OUT	3	1

5.289 sec

{ }

22b

IN	yes	
OUT	yes	3

3.122 sec

IN	yes	
OUT	no	0

19.931 sec

IN	yes	
OUT	3	1

4.369 sec

{ }

23b

IN	yes	no	
OUT	3	2	1

8.464 sec

{ }

24b

IN	yes	no	dog	
OUT	3	2	3	1

19.005 sec

IN	yes	no	dog	
OUT	3	2	3	1

0.082 sec

{ }

25b

IN	yes	
OUT	3	1

3.1 sec

{ }

26e

IN	yes	no	yes and no	
OUT	3	2	10	1

19.291 sec

{ }

27e

IN	yes	no	
OUT	3	2	1

6.559 sec

{ }

28e

IN	yes	no	
OUT	3	2	1

8.464 sec

{ }

29e

IN	yes	yep	no
OUT	3	6	1

44.118 sec

{ }

30b

IN	yes	
OUT	3	1

3.366 sec

{ }

### Find numbers that are greater than 9 tutorial\_filter\_1

1e

IN	11,8,9,10	9,5,15,8	
OUT	11,10	15	0

38.22 sec

IN	11,8,9,10	9,5,15,8	2,3,4,6
OUT	11,10	15	0

197.248 sec

IN	11,8,9,10	9,5,15,8	2,3,4,6
OUT	11,10	15	0

3.264 sec

IN	11,8,9,10	9,5,15,8	2,3,4,6	
STEP	TFFT	FFTF	FFFF	0
OUT	11,10	15		0

29.333 sec

IN	11,8,9,10	9,5,15,8	2,3,4,6	
STEP	T,F,F,T	F,F,T,F	F,F,F,F	1
OUT	11,10	15		0

19.9 sec

IN	11,8,9,10	9,5,15,8	2,3,4,6	
STEP	T,F,F,T	F,F,T,F	F,F,F,F	1
OUT	11,10	15	0	0

11.857 sec



IN	11,8,9,10	9,5,15,8	2,3,4,15	
STEP	T,F,F,T	F,F,T,F	F,F,F,T	1
OUT	11,10	15	15	1

29.657 sec

{u'NO\_PROGRAM\_FOUND': 2, u'EMPTY\_CELL': 4, u'FILTER\_WITHOUT\_TF':

1}

IN	11,8,9,10	
OUT	11,10	0

0.0 sec

IN	11,8,9,10	1,13,21
OUT	11,10	13,21

17.327 sec

IN	11,8,9,10	1,13,21	7,9,12,14
OUT	11,10	13,21	12,14

68.707 sec

2e

IN	11,8,9,10	1,13,21	7,9,12,14
STEP	T	T	T
OUT	11,10	13,21	12,14

23.57 sec

IN	11,8,9,10	1,13,21	7,9,12,14
STEP	T	T	F
OUT	11,10	13,21	7,9

21.447 sec

IN	11,8,9,10
OUT	11,10

80.457 sec

IN	11,8,9,10
STEP	F
OUT	11,10

11.307 sec

IN	11,8,9,10
STEP	T
OUT	11,10

5.191 sec

IN	11,8,9,10	7,8,9,10
STEP	T	F
OUT	11,10	7,8,9

24.108 sec

IN	11,8,9,10	7,8,9,10
STEP	T 10	F
OUT	11,10	7,8,9

16.987 sec

IN	11,8,9,10	7,8,9,10
STEP	T 10	F 7
OUT	11,10	7,8,9

8.357 sec

IN	11,8,9,10
STEP	T,F,F,T
OUT	11,10

21.425 sec

SHOW SOLUTION

{u'TF\_WITHOUT\_NUMBER': 5,

u'NO\_PROGRAM\_FOUND': 2, u'FILTER\_WITHOUT\_TF': 11}

IN	11,8,9,10	6,7,12,13
STEP	T,F,F,T	F,F,T,T
OUT	11,10	12,13

53.88 sec

3e

{}

IN	11,8,9,10,F
OUT	11,10

14.729 sec

IN	11,8,9,10,F,T
OUT	11,10

8.823 sec

IN	11,8,9,10
OUT	11,10

27.189 sec

IN	11,8,9,10,F,T
OUT	11,10

4.668 sec

4b

IN	11,8,9,10,F,T,T,T
OUT	11,10

6.497 sec

IN	11,8,9,10,F,T,T,T
OUT	11,10

2.542 sec

IN	11,8,9,10,T,T,F,F
OUT	11,10

9.645 sec

IN	11,8,9,10,T,T,F,F
OUT	11,10

0.701 sec

IN	11,8,9,10,T,T,F,F
OUT	11,10

0.192 sec

IN	11,8,9,10,T,T,F,F
OUT	11,10

0.127 sec

IN	11,8,9,10,T,T,F,F
OUT	11,10

0.136 sec

IN	11,8,9,10,T,T,F,F
OUT	11,10

0.139 sec

IN	11,8,9,10,T,T,F,F
OUT	11,10

0.14 sec

IN	F,11,8,9,10,T,T
OUT	11,10

51.501 sec

IN	F,11,8,9,10,T,T
OUT	11,10

2.195 sec

IN	F,11,8,9,10,T,T
OUT	11,10

2.15 sec

IN	F,11,8,9,10,T,T
OUT	11,10

0.491 sec

IN	F,11,8,9,10,T,T,u
OUT	11,10

2.306 sec

IN	F,11,8,9,10,T,T,u
OUT	11,10

0.186 sec

IN	F,11,8,9,10,T,T,u
OUT	11,10

0.158 sec

IN	F,11,8,9,10,T,T,u
OUT	11,10

0.169 sec

<b>IN</b>	F,11,8,9,10, T, T u	
<b>OUT</b>	11,10	0
0.136 sec		

<b>IN</b>	F,11,8,9,10, T, T u	
<b>OUT</b>	11,10	0
0.175 sec		

<b>IN</b>	F,11,8,9,10, T, T u	
<b>OUT</b>	11,10	0
0.153 sec		

<b>IN</b>	F,11,8,9,10, T, T u	
<b>OUT</b>	11,10	0
0.164 sec		

<b>IN</b>	F,11,8,9,10, T, T u	
<b>OUT</b>	11,10	0
0.139 sec		

<b>IN</b>	11,8,9,10	
<b>STEP</b>	F, T, T, T	1
<b>OUT</b>	11,10	0
16.109 sec		

<b>IN</b>	11,8,9,10	
<b>STEP</b>	T,F,F,T	1
<b>OUT</b>	11,10	1
21.432 sec		

{}

<b>IN</b>	11,8,9,10	
<b>STEP</b>	11,8,10	0
<b>OUT</b>	11,10	0
20.313 sec		

<b>IN</b>	11,8,9,10	
<b>STEP</b>	T,F,F,T	1
<b>OUT</b>	11,10	1
45.794 sec		

{}

5b

<b>IN</b>	11,8,9,10	1,3,11,15	
<b>OUT</b>	11,10	11,15	0
10.03 sec			

<b>IN</b>	11,8,9,10	1,3,11,15	9,10,11,12	
<b>OUT</b>	11,10	11,15	10,11,12	0
13.392 sec				

<b>IN</b>	11,8,9,10	1,3,11,15	9,10,11,12	
<b>STEP</b>	T	F	T	0
<b>OUT</b>	11,10	1,3	10,11,12	0
38.431 sec				

6b

<b>IN</b>	11,8,9,10	1,3,11,15	9,10,11,12	
<b>STEP</b>	T	F	T	0
<b>OUT</b>	11,10	1,3	10,11,12	0
2.679 sec				

<b>IN</b>	11,8,9,10	1,3,11,15	9,10,11,12	
<b>STEP</b>	T	F	T	0
<b>OUT</b>	11,10	1,3	10,11,12	0
10.048 sec				

<b>IN</b>	11,8,9,10	1,3,11,15	9,10,11,12	
<b>STEP</b>	(T)	(F)	(T)	0
<b>OUT</b>	11,10	1,3	10,11,12	0
22.538 sec				

<b>IN</b>	11,8,9,10			
<b>STEP</b>	T			0
<b>OUT</b>	11,10			0
28.279 sec				

<b>IN</b>	11,8,9,10	11,8,9,10		
<b>STEP</b>	T	F		0
<b>OUT</b>	11,10	8,9		0
18.423 sec				

<b>IN</b>	11,8,9,10	11,8,9,10	1,2,11,12	4,8,11,13	
<b>STEP</b>	T	F	T	F	0
<b>OUT</b>	11,10	8,9	11,12	4,8	0
42.485 sec					

<b>IN</b>	11,8,9,10	11,8,9,10	1,2,11,12	4,8,11,13	
<b>STEP</b>	T	F	T	F	0
<b>OUT</b>	11,10	8,9	11,12	4,8	0
0.701 sec					

<b>IN</b>	11,8,9,10	11,8,9,10	1,2,11,12	4,8,11,13	
<b>STEP</b>	T,F,F,T	T,F,F,T	F,F,T,T	F,F,T,T	1
<b>OUT</b>	11,10	11,10	11,12	11,13	1
47.275 sec					

SHOW SOLUTION

{}

<b>IN</b>	11,8,9,10	
<b>OUT</b>	11,10	0
-0.001 sec		

<b>IN</b>	11,8,9,10	
<b>STEP</b>	T,F,F,T	1
<b>OUT</b>	11,10	1
34.615 sec		

7e

{u'FILTER\_WITHOUT\_TF': 1}

<b>IN</b>	11,8,9,10	5,13,14	
<b>OUT</b>	11,10	13,14	0
12.672 sec			

<b>IN</b>	11,8,9,10	5,13,14	
<b>STEP</b>	t	f	0
<b>OUT</b>	11,10	5	0
17.072 sec			

<b>IN</b>	11,8,9,10	5,13,14	
<b>STEP</b>	T	T	0
<b>OUT</b>	11,10	13,14	0
9.114 sec			

8b

<b>IN</b>	11,8,9,10	5,13,14	
<b>STEP</b>	T	T	0
<b>OUT</b>	11,10	13,14	0
1.493 sec			

<b>IN</b>	11,8,9,10	5,13,14	
<b>STEP</b>	T	T	0
<b>OUT</b>	11,10	13,14	0
20.56 sec			

<b>IN</b>	T11,8,9,10	t5,13,14	
<b>OUT</b>	11,10	13,14	0
28.581 sec			

IN	11,8,9,10	5,13,14	
STEP	T	T	0
OUT	11,10	13,14	0

13.511 sec

IN	11,8,9,10	5,13,14	
STEP	F	T	0
OUT	11,10	13,14	0

20.105 sec

IN	11,8,9,10		
STEP	T		0
OUT	11,10		0

8.209 sec

IN	11,8,9,10	7,9,12	
STEP	T	T	0
OUT	11,10	12	0

18.581 sec

IN	11,8,9,10		
STEP	T		0
OUT	11,10		0

162.086 sec

IN	11,8,9,10		
STEP	T,F,F,T		1
OUT	11,10		1

15.212 sec

SHOW SOLUTION

{}

IN	11,8,9,10		
OUT	11,10		0

0.834 sec

IN	11,8,9,10	12,13,15	
OUT	11,10	13	0

12.522 sec

IN	11,8,9,10	12,13,15	
OUT	11,10	13	0

0.284 sec

IN	11,8,9,10	12,15,3	
OUT	11,10	12,15	0

24.866 sec

9b

IN	11,8,9,10	12,15,3	
OUT	11,10	12,15	0

1.367 sec

IN	T11,F8,F9,10T		
OUT	11,10		0

29.047 sec

IN	11,8,9,10		
STEP	T11,T10,F8,F9		0
OUT	11,10		0

46.2 sec

IN	11,8,9,10		
OUT	11,10		0

4.238 sec

IN	11,8,9,10		
OUT	11,10		0

0.296 sec

IN	11,8,9,10	4,5,20	9,12,3	900,200,6	
STEP	T	F	F	T	0
OUT	11,10	4,5	3,9	900,200	0

81.872 sec

SHOW SOLUTION

IN	11,8,9,10	25,9,7,20	3,4,60,9	
STEP	T,F,F,T	T,F,F,T	F,F,T,F	1
OUT	11,10	25,20	60	1

64.096 sec

{}

IN	11,8,9,10		
STEP	t,f,f,t		1
OUT	11,10		1

8.033 sec

10b

{}

IN	11,8,9,10		
STEP	t11,t10,f9,f8		0
OUT	11,10		0

38.728 sec

IN	11,8,9,10	12,7,13,4	
STEP	t11,t10,f9,f8	t12,t13,f7,f4	0
OUT	11,10	12,13	0

47.088 sec

IN	11,8,9,10	12,7,13,4	
STEP	T11,T10,F9,F8	T12,T13,F7,F4	0
OUT	11,10	12,13	0

29.646 sec

11e

IN	11,8,9,10	12,7,13,4	
STEP	T11,T10,F9,F8	T12,T13,F7,F4	0
OUT	11,10	12,13	0

1.471 sec

IN	11,8,9,10	12,7,13,4	
STEP	T11, T10, F9, F8	T12, T13, F7, F4	0
OUT	11,10	12,13	0

43.484 sec

IN	11,8,9,10		
STEP	F11, T8, F9, F10		0
OUT	11,9,10		0

51.344 sec

IN	11,8,9,10		
STEP	F11, T8, F9, F10		0
OUT	11,9,10		0

7.639 sec

IN	11,8,9,10		
STEP	F,8,9		0
OUT	11,10		0

36.303 sec

IN	11,8,9,10		
STEP	F,8,9		0
STEP	T,11,10		0
OUT	11,10		0

15.435 sec

IN	11,8,9,10		
OUT	F,11		0

71.248 sec

SHOW SOLUTION

IN	11,8,9,10		
STEP	F,10		0
OUT	F,11		0

13.944 sec

SHOW SOLUTION

IN	11,8,9,10		
STEP	T,10		0
OUT	T,11		0

13.669 sec

IN	11,8,9,10	
STEP	T,10	0
OUT	T,11	0

1.432 sec

SHOW SOLUTION

IN	11,8,9,10	
STEP	T,10	0
STEP	F,8	0
STEP	F,9	0
OUT	T,11	0

6.73 sec

SHOW SOLUTION

IN	11,8,9,10	
STEP	F,9	0
STEP	F,8	0
OUT	T,11,10	0

29.946 sec

SHOW SOLUTION

IN	11,8,9,10	
STEP	F,9	0
STEP	F,8	0
STEP	T,11	0
STEP	T,10	0
OUT	11,10	0

4.671 sec

SHOW SOLUTION

IN	11,8,9,10	
STEP	T,F,F,T	1
OUT	11,8,10	0

71.52 sec

SHOW SOLUTION

u'EMPTY\_CELL': 2, u'FILTER\_WITHOUT\_TF': 15}

IN	11,8,9,10	
STEP	T,F,F,T	1
OUT	11,10	1

16.527 sec

12b

{}

IN	11,8,9,10	6,7,8,13,14	
OUT	11,10	13,14	0

14.81 sec

13e

IN	11,8,9,10	6,7,8,13,14	
STEP	8,9	6,7,8	0
OUT	11,10	13,14	0

23.833 sec

IN	11,8,9,10	6,7,13,14	
STEP	8	6	1
STEP	9	7	1
OUT	11,10	13,14	0

33.916 sec

IN	11,8,9,10	6,7,13,14	
STEP	8	6	1
STEP	9	7	1
STEP	10	13	0
STEP	11	14	1
OUT	11,10	13,14	0

21.05 sec

IN	11,8,9,10	6,7,13,14	
STEP	8	6	1
STEP	9	7	1
STEP	11	14	1
OUT	11,10	13,14	0

18.939 sec

IN	11,8,9,10	6,7,13,14	
STEP	8	6	1
STEP	9	7	1
OUT	11,10	13,14	0

5.102 sec

IN	11,8,9,10	
STEP	8	1
STEP	9	1
OUT	11,10	0

22.711 sec

SHOW SOLUTION

IN	11,8,9,10	
STEP	F,9	0
OUT	11,10	0

32.812 sec

SHOW SOLUTION

IN	11,8,9,10	
STEP	F,9	0
STEP	F,8	0
STEP	T,11	0
STEP	T,10	0
OUT	T,11,10	0

26.69 sec

SHOW SOLUTION

SHOW SOLUTION

IN	11,8,9,10	
STEP	F,9	0
STEP	F,8	0
OUT	11,10	0

12.958 sec

SHOW SOLUTION

IN	11,8,9,10	
STEP	F,9T	0
OUT	11,8,10	0

21.103 sec

SHOW SOLUTION

IN	11,8,9,10	
STEP	T,F,F,T	1
OUT	11,10	1

9.3 sec

{u'NO\_PROGRAM\_FOUND': 43,

IN	11,8,9,10	
STEP	8,9	0
STEP	10,11	1
OUT	10,11	1

49.241 sec

IN	11,8,9,10	
STEP	8	1
STEP	9	1
STEP	10,11	0
OUT	10,11	26

8.337 sec

IN	11,8,9,10	6,7,13,14
STEP	8	6
STEP	9	7
STEP	10,11	13,14
OUT	10,11	13,14

30.843 sec

SHOW SOLUTION

IN	11,8,9,10	6,7,13,14
STEP	T,F,F,T	F,F,T,T
OUT	10,11	13,14

28.134 sec

SHOW SOLUTION

IN	11,8,9,10	6,7,13,14
STEP	T,F,F,T	F,F,T,T
STEP	8,9	6,7
OUT	11,10	13,14

42.231 sec

{u'NO\_PROGRAM\_FOUND': 3,

u'FILTER\_WITHOUT\_TF': 10}

IN	11,8,9,10	1,3,14,21
OUT	11,10	14,21

11.512 sec

IN	11,8,9,10	1,3,14,21
STEP	8,9	1,3
OUT	11,10	14,21

27.604 sec

IN	11,8,9,10	
STEP	8,9	
OUT	11,10	

59.748 sec

IN	11,8,9,10	
STEP	10,11	
OUT	11,10	

10.563 sec

14e

IN	11,8,9,10	1,3,5,10
STEP	10,11	10
OUT	11,10	10

14.559 sec

IN	11,8,9,10	
OUT	11,10	

37.958 sec

IN	11,8,9,10	
STEP	8,9,10,11	
STEP	10,11	
OUT	11,10	

24.422 sec

IN	11,8,9,10	
STEP	8,9,10,11	
OUT	11,10	

8.06 sec

IN	11,8,9,10	
STEP	8,9,10,11	
STEP	10,11	
OUT	11,10	

10.556 sec

IN	11,8,9,10	
STEP	8,9,10,11	
STEP	8,9	
OUT	11,10	

11.697 sec

IN	11,8,9,10	
STEP	t,f,f,t	
OUT	11,10	

44.394 sec

SHOW SOLUTION

{u'NO\_PROGRAM\_FOUND': 2,

u'FILTER\_WITHOUT\_TF': 11}

IN	11,8,9,10	
STEP	F 8,9	
OUT	11,10	

12.094 sec

IN	11,8,9,10	
STEP	F	
STEP	8,9	
OUT	11,10	

20.336 sec

IN	11,8,9,10	
STEP	F	
STEP	8	
OUT	11,10	

29.779 sec

IN	11,8,9,10	
STEP	F	
STEP	9	
STEP	F	
STEP	8	
OUT	11,10	

25.256 sec

IN	11,8,9,10	
STEP	T	
STEP	11	
STEP	F	
STEP	8	
OUT	11,10	

17.886 sec

15e

IN	11,8,9,10	
STEP	11	
STEP	8	
OUT	11,10	

36.277 sec

{u'TF\_WITHOUT\_NUMBER': 4, u'NO\_PROGRAM\_FOUND': 1, u'FILTER\_WITHOUT\_TF': 6}

IN	11,8,9,10	2,20,11,7,5
STEP	T,F,F,T	F,T,T,F,F
OUT	11,10	20,11

42.533 sec

16e

{}

IN	11,8,9,10	1,9,10	22,7,13,5
STEP	T,F,F,T	F,F,T	T,F,T,F
OUT	11,10	10	22,13

85.971 sec

17b

{}

IN	11,8,9,10	12,9,3,13	
OUT	11,10	12,13	0

33.114 sec

IN	11,8,9,10	12,9,3,13	
STEP	F,T,T,F	F,T,T,F	1
OUT	11,10	12,13	1

155.792 sec

18e

{u'FILTER\_WITHOUT\_TF': 1}

IN	11,8,9,10	12,2,21,3	
OUT	11,10	2,3	0

30.837 sec

IN	11,8,9,10	12,2,21,3	
STEP	F,11,10		0
OUT	11,10	2,3	0

45.45 sec

IN	11,8,9,10	12,2,21,3	
STEP	F,11,10		0
OUT	11,10	2,3	0

1.261 sec

19b

IN	11,8,9,10	12,2,21,3	
STEP	F,11,10		0
OUT	11,10	2,3	0

0.398 sec

IN	11,8,9,10		
STEP	t,f,f,t		0
OUT	11,10		0

108.116 sec

IN	11,8,9,10	12,13,4,2	
STEP	T,F,F,T	T,T,F,F	1
OUT	11,10	4,2	0

42.85 sec

IN	11,8,9,10	12,13,4,2	
STEP	T,F,F,T	T,T,F,F	1
OUT	11,10	12,13	1

15.553 sec

{}

IN	11,8,9,10	1,2,10,11	
STEP	8,9	1,2	0
OUT	11,10	10,11	0

42.805 sec

IN	11,8,9,10	11,8,9,10	
STEP	11	9	0
OUT	11,10	11,10	0

133.88 sec

IN	11,8,9,10	11,8,9,10	
STEP	8,9	11,10	0
OUT	11,10	11,10	0

33.372 sec

20b

IN	11,8,9,10	11,8,9,10	
STEP	8,10	9,11	0
OUT	11,10	11,10	0

112.148 sec

IN	11,8,9,10	11,8,9,10	
STEP	8,10	9,11	0
OUT	11,10	11,10	0

186.523 sec

IN	11,8,9,10	11,8,9,10	
STEP	8,10	9,11	0
OUT	11,10	11,10	0

3.266 sec

IN	11,8,9,10	11,8,9,10	
STEP	11,8	9,10	0
OUT	11,10	11,10	0

50.046 sec

IN	11,8,9,10	11,8,9,10	11,8,9,10	11,8,9,10	
STEP	11	10	8	9	0
OUT	11,10	11,10	11,10	11,10	0

51.29 sec

IN	11,8,9,10	11,8,9,10	
STEP	11,10	8,9	0
OUT	11,10	11,10	0

43.67 sec

IN	11,8,9,10	11,8,9,10	
STEP	8,9	11,10	0
OUT	11,10	11,10	0

16.316 sec

IN	11,8,9,10	11,2,7,10	
STEP	T,F,F,T	T,F,F,T	1
OUT	11,10	11,10	1

117.119 sec

SHOW SOLUTION

{}

IN	11,8,9,10	
STEP	t,f,f,t	1
OUT	11,10	1

12.325 sec

21e

{}

IN	11,8,9,10	
STEP	T,F,F,T	1
OUT	11,10	1

32.066 sec

22b

{}

IN	11,8,9,10	
STEP	t,f,f,t	1
OUT	11,10	1

10.136 sec

23b

{}

<b>IN</b>	11,8,9,10	
<b>STEP</b>	T,F,F,T	1
<b>OUT</b>	11,10	1

26.202 sec

24b

{}

<b>IN</b>	11,8,9,10	1,5,9,10
<b>OUT</b>	11,10	9,10

12.975 sec

<b>IN</b>	11,8,9,10	1,5,9,10
<b>STEP</b>	T	T
<b>OUT</b>	11,10	9,10

22.292 sec

<b>IN</b>	11,8,9,10
<b>STEP</b>	T
<b>OUT</b>	11,10

10.674 sec

<b>IN</b>	11,8,9,10
<b>STEP</b>	T,F,T,T
<b>OUT</b>	11,10

20.892 sec

25b

<b>IN</b>	11,8,9,10
<b>STEP</b>	T,F,F,T
<b>OUT</b>	11,10

14.039 sec

{}

<b>IN</b>	11,8,9,10	1,2,8,5,9,5,12,100
<b>OUT</b>	11,10	9,5,12,100

28.207 sec

<b>IN</b>	11,8,9,10	1,2,8,5,9,5,12,100
<b>STEP</b>	T,F,F,T	F,F,F,T,T,T
<b>OUT</b>	11,10	9,5,12,100

34.24 sec

26e

<b>IN</b>	11,8,9,10	1,2,7,50,12,100
<b>STEP</b>	T,F,F,T	F,F,F,T,T,T
<b>OUT</b>	11,10	50,12,100

30.635 sec

{u'FILTER\_WITHOUT\_TF': 1}

<b>IN</b>	11,8,9,10	12,13,7,2,15
<b>OUT</b>	11,10	12,13,15

21.835 sec

<b>IN</b>	11,8,9,10
<b>STEP</b>	t
<b>OUT</b>	11,10

30.45 sec

<b>IN</b>	11,8,9,10
<b>STEP</b>	T11,10
<b>STEP</b>	F8,9
<b>OUT</b>	11,10

366.219 sec

<b>IN</b>	11,8,9,10
<b>STEP</b>	T 11,10
<b>STEP</b>	F 8,9
<b>OUT</b>	11,10

27.18 sec

27e

<b>IN</b>	11,8,9,10
<b>OUT</b>	11,10

20.891 sec

<b>IN</b>	11,8,9,10
<b>STEP</b>	F8,9
<b>OUT</b>	11,10

10.627 sec

<b>IN</b>	11,8,9,10
<b>STEP</b>	T11,10
<b>OUT</b>	11,10

11.725 sec

<b>IN</b>	11,8,9,10	12,7,4,14
<b>STEP</b>	T11,10	T12,14
<b>OUT</b>	11,10	12,14

45.66 sec

<b>IN</b>	11,8,9,10	12,7,4,14
<b>STEP</b>	T11	T12
<b>OUT</b>	11,10	12,14

20.18 sec

<b>IN</b>	11,8,9,10	12,7,4,14
<b>STEP</b>	T11	T12
<b>STEP</b>	T10	T14
<b>OUT</b>	11,10	12,14

13.019 sec

<b>IN</b>	11,8,9,10	12,7,4,14
<b>STEP</b>	T,F,F,T	T,F,F,T
<b>OUT</b>	11,10	12,14

51.747 sec

SHOW SOLUTION

{u'TF\_WITHOUT\_NUMBER': 1, u'NO\_PROGRAM\_FOUND': 10, u'FILTER\_WITHOUT\_TF': 6}

<b>IN</b>	11,8,9,10	3, 9, 11, 20
<b>STEP</b>	T, F, F, T	F, F, T, T
<b>OUT</b>	11,10	11,20

1413.991 sec

28e

{}

<b>IN</b>	11,8,9,10	9,10,11,12
<b>OUT</b>	11,10	10,11,12

31.689 sec

<b>IN</b>	11,8,9,10	9,10,11,12
<b>STEP</b>	TFFT	FTTT
<b>OUT</b>	11,10	10,11,12

25.475 sec

<b>IN</b>	11,8,9,10	9,10,11,12
<b>STEP</b>	T, F, F, T	F, T, T, T
<b>OUT</b>	11,10	10,11,12

40.056 sec

29e

{u'NO\_PROGRAM\_FOUND': 1, u'FILTER\_WITHOUT\_TF': 2}

IN	11,8,9,10		5, 12, 15, 2		OUT	11,10		12, 15		0
	STEP		t, 0-8							
	STEP		f, 9							
	OUT		11,10			12, 15				

35.331 sec

IN	11,8,9,10		5, 12, 15, 2		OUT	11,10		12, 15		0
	STEP		t, 0-8							
	STEP		f, 9							
	OUT		11,10			12, 15				

44.821 sec

IN	11,8,9,10				OUT	11,10				0
	STEP		t							
	STEP		f							
	OUT		11,10							

18.182 sec

30b

IN	11,8,9,10		
STEP	t		0
STEP	f		0
OUT	11,10		0
1.919 sec			

IN	11,8,9,10		
STEP	t,11		0
STEP	t, 10		0
OUT	11,10		0
26.004 sec			

IN	11,8,9,10		
STEP	t,11		0
STEP	t, 10		0
OUT	11,10		0
1.401 sec			

IN	11,8,9,10		
STEP	t,11		0
STEP	t, 10		0
OUT	11,10		0
0.265 sec			

IN	11,8,9,10		
STEP	t,11		0
STEP	t, 10		0
OUT	11,10		0
0.242 sec			

IN	11,8,9,10		
STEP	t,11		0
STEP	t,10		0
OUT	11,10		0
5.444 sec			

IN	11,8,9,10		
STEP	t=11		0
STEP	t=10		0
OUT	11,10		0
64.386 sec			

SHOW SOLUTION

IN	11,8,9,10		
STEP	t,f,f,t		0
OUT	11,10		0
18.606 sec			

IN	11,8,9,10		
STEP	t,f,f,t		0
OUT	11,10		0
2.054 sec			

IN	11,8,9,10		
STEP	T,F,F,T		0
OUT	11,10		0
11.231 sec			

SHOW SOLUTION

SHOW SOLUTION

IN	11,8,9,10			
STEP	T,F,F,T	T,F,F,T		0
OUT	11,10		0	

15.229 sec

IN	11,8,9,10		
STEP	T,F,F,T		0
OUT	11,10		0

24.088 sec

SHOW SOLUTION

SHOW SOLUTION

SHOW SOLUTION

IN	11,8,9,10	11,8,9,10	
STEP	T,F,F,T	T,F,F,T	1
OUT	11,10		0

25.824 sec

IN	11,8,9,10	
STEP	T,F,F,T	1
OUT		0

5.434 sec

IN	11,8,9,10	
STEP	T,F,F,T	1
OUT	11,10	1

9.762 sec

SHOW SOLUTION

SHOW SOLUTION

}

(Input + 1) \* (Input - 1) task\_three\_step\_arith

IN	1
----	---



IN	1		
STEP	1	13	
STEP	-1	2	
OUT	0	1	
30.8 sec			

IN	1		
STEP	1	13	
STEP	1	1	
OUT	0	2	
75.687 sec			

IN	1		
STEP	1	13	
STEP	1	1	
OUT	1	1	
12.175 sec			

IN	1		
STEP	0	4	
STEP	1	3	
OUT	1	1	
9.097 sec			

IN	1		
STEP	1	13	
STEP	1	1	
OUT	1	1	
2.291 sec			

IN	1		
STEP	2	2	
STEP	1	1	
OUT	1	1	
1.831 sec			

IN	1		
STEP	3	2	
STEP	1	3	
OUT	1	1	
1.795 sec			

4b

IN	1		
STEP	1	13	
STEP	1	1	
OUT	1	1	
2.399 sec			

IN	1		
STEP	2	2	
STEP	1	1	
OUT	1	1	
2.715 sec			

IN	1		
STEP	2	2	
STEP	1	1	
OUT	0	1	
8.945 sec			

IN	1		
STEP	2	2	
STEP	1	1	
OUT	0	1	
1.375 sec			

IN	1		
STEP	2	2	
STEP	1	1	
OUT	0	1	
0.292 sec			

IN	1		
STEP	2	2	
STEP	1	1	
OUT	0	1	
0.237 sec			

IN	1		
STEP	2	2	
STEP	*	0	
STEP	1	1	
OUT	0	1	
170.733 sec			

GIVE UP {}

IN	1	3	
STEP	2	4	1
STEP	0	2	1
OUT	0	8	1
26.831 sec			

5b

{}

IN	1	1	
STEP	*	*	0
OUT	2	0	0
92.547 sec			

IN	1	1	
OUT	2	0	0
10.56 sec			

IN	1		
OUT	2		0
26.416 sec			

IN	1		
STEP	*	1	0
OUT	2		0
25.603 sec			

IN	1	1	1
STEP	+1	-1	*0
OUT	2	0	0
35.929 sec			

IN	1	1	1
STEP	+1	-1	*0
OUT	2	0	0
0.533 sec			

6b

IN	1	1	1
STEP	+1	-1	*0
OUT	2	0	0
0.203 sec			

IN	1	1	
STEP	+1	-1	0
OUT	2	0	1
27.233 sec			

IN	1	1	
STEP			1
OUT	2	0	0
9.941 sec			

IN	1	1	
STEP	*		0
OUT	2	0	0
17.058 sec			

IN	1	1	
STEP			1
OUT	2	0	0
7.306 sec			

IN	1	1	
STEP	1	1	13
STEP	2	2	1
STEP	*0		0
OUT	0	0	1
48.927 sec			

IN	1	1	
STEP	1	1	13
STEP	2	0	0
STEP	1		0
STEP	1		3
STEP	0		0
STEP	2*0		0
OUT	0	0	1
39.088 sec			

IN	1	2	
STEP	1	1	2
STEP	2	3	1
STEP	1	2	1
STEP	1	1	1
STEP	0	1	1
STEP	2*0	3*1	1
OUT	0	3	1
30.64 sec			

IN	1	1	
STEP	1	1	13
STEP	2	2	1
STEP	*0	*0	0
OUT	0	0	1
12.756 sec			

IN	1	1	
STEP	1	1	13
STEP	2	0	0
STEP	*0	*2	0
OUT	0	0	1
20.503 sec			

IN	1	1	2	2
STEP	1	1	1	2
STEP	2	0	3	1
STEP	*0	*2	*1	*1
OUT	0	0	3	1
35.833 sec				

IN	1	1	
STEP	1	1	13
STEP	2	0	0
STEP	*0	*2	0
OUT	0	0	1
18.749 sec			

IN	1	2	3	4
STEP	1	1	1	2
STEP	2	3	4	5
STEP	1	2	3	4
STEP	1	1	1	1
STEP	0	1	2	3
STEP	2*0	3*1	4*2	5*3
OUT	0	3	8	15
30.158 sec				

IN	1	2	3	4
STEP	1	1	1	2
STEP	2	3	4	5
STEP	1	2	3	4
STEP	1	1	1	1
STEP	0	1	2	3
STEP	2*0	3*1	4*2	5*3
OUT	0	3	8	15
0.78 sec				

IN	1	2	3	
STEP	1	1	1	2
STEP	2	3	4	1
STEP	1	2	3	1
STEP	1	1	1	1
STEP	0	1	2	1
STEP	2*0	3*1	2*4	0
OUT	0	3	8	1
30.951 sec				

IN	1	2	3	
STEP	1	1	1	2
STEP	2	3	4	1
STEP	1	2	3	1
STEP	1	1	1	1
STEP	0	1	2	1
STEP	2*0	3*1	4*2	1
OUT	0	3	8	1
14.798 sec				

IN	1	2	3	4	5	
STEP 1	1	1	1	1	1	2
STEP 2	3	4	5	6		1
STEP 1	2	3	4	5		1
STEP 1	1	1	1	1	1	1
STEP 0	1	2	3	5		0
STEP 2*0	3*1	4*2	5*3	6*5		1
OUT	0	3	8	15	30	1

49.164 sec

IN	1	2	3	4	5	
STEP 1	1	1	1	1	1	2
STEP 2	3	4	5	6		1
STEP 1	2	3	4	5		1
STEP 1	1	1	1	1	1	1
STEP 0	1	2	3	4		1
STEP 2*0	3*1	4*2	5*3	6*4		1
OUT	0	3	8	15	24	1

13.052 sec

IN	1	2	3	4	5	
STEP 1	1	1	1	1	2	0
STEP 2	3	4	5	10		0
STEP 1	2	3	4	5		2
STEP 1	1	1	1	1	2	1
STEP 0	1	2	3	3		1
STEP 2*0	3*1	4*2	5*3	10*3		1
OUT	0	3	8	15	30	1

21.468 sec

IN	1	2	3	4	5	
STEP 1	1	1	1	1	2	0
STEP 2	3	4	5	7		1
STEP 1	2	3	4	5		1
STEP 1	1	1	1	1	2	1
STEP 0	1	2	3	3		1
STEP 2*0	3*1	4*2	5*3	7*3		1
OUT	0	3	8	15	21	1

13.101 sec

IN	1	2	3	4	5	
STEP 1	1	1	1	1	1	2
STEP 2	3	4	5	7		0
STEP 1	2	3	4	5		3
STEP 1	1	1	1	1	2	1
STEP 0	1	2	3	3		1
STEP 2*0	3*1	4*2	5*3	7*3		1
OUT	0	3	8	15	21	1

7.836 sec

IN	1	2	3	4	5	
STEP 1	1	1	1	1	1	2
STEP 2	3	4	5	7		0
STEP 1	2	3	4	6		1
STEP 1	1	1	1	1	2	1
STEP 0	1	2	3	3		1
STEP 2*0	3*1	4*2	5*3	7*3		1
OUT	0	3	8	15	21	1

4.559 sec

IN	1	2	3	4	5	
STEP 1	1	1	1	1	1	2
STEP 2	3	4	5	6		1
STEP 1	2	3	4	6		0
STEP 1	1	1	1	1	2	0
STEP 0	1	2	3	3		1
STEP 2*0	3*1	4*2	5*3	7*3		0
OUT	0	3	8	15	21	0

3.842 sec

IN	1	2	3	4	
STEP 1	1	1	1	1	2
STEP 2	3	4	5		1
STEP 1	2	3	4		1
STEP 1	1	1	1	1	1
STEP 0	1	2	3		1
STEP 2*0	3*1	4*2	5*3		1
OUT	0	3	8	15	1

11.674 sec

IN	1	2	3	4	5	
STEP 1	1	1	1	1	1	0
STEP 2	3	4	5	6		0
STEP 1	2	3	4	5		2
STEP 1	1	1	1	1	1	2
STEP 0	1	2	3	4		0
STEP 2*0	3*1	4*2	5*3	6*4		0
OUT	0	3	8	15	24	0

82.623 sec

IN	1	2	3	4	5	6	
STEP 1	1	1	1	1	1	1	2
STEP 2	3	4	5	6	7		1
STEP 1	2	3	4	5	6		1
STEP 1	1	1	1	1	1	1	1
STEP 0	1	2	3	4	5		1
STEP 2*0	3*1	4*2	5*3	6*4	6*5		0
OUT	0	3	8	15	24	30	0

29.041 sec

IN	1	2	3	4	5	6	
STEP 1	1	1	1	1	1	1	2
STEP 2	3	4	5	6	7		1
STEP 1	2	3	4	5	6		1
STEP 1	1	1	1	1	1	1	1
STEP 0	1	2	3	4	5		1
STEP 2*0	3*1	4*2	5*3	6*4	7*5		1
OUT	0	3	8	15	24	30	0

14.347 sec

IN	1	2	3	4	5	6	
STEP 1	1	1	1	1	1	1	2
STEP 2	3	4	5	6	7		1
STEP 1	2	3	4	5	6		1
STEP 1	1	1	1	1	1	1	1
STEP 0	1	2	3	4	5		1
STEP 2*0	3*1	4*2	5*3	6*4	7*5		1
OUT	0	3	8	15	24	34	0

9.02 sec

IN	1	2	3	4	5	6	
STEP 1	1	1	1	1	1	1	2
STEP 2	3	4	5	6	7	1	1
STEP 1	2	3	4	5	6	1	1
STEP 1	1	1	1	1	1	1	1
STEP 0	1	2	3	4	5	1	1
STEP 2*0 3*1 4*2 5*3 6*4 7*5	1	1	1	1	1	1	1
OUT	0	3	8	15	24	34	0

1.016 sec

IN	1	2	3	4	5	6	
STEP 1	1	1	1	1	1	1	2
STEP 2	3	4	5	6	7	1	1
STEP 1	2	3	4	5	6	1	1
STEP 1	1	1	1	1	1	1	1
STEP 0	1	2	3	4	5	1	1
STEP 2*0 3*1 4*2 5*3 6*4 7*5	1	1	1	1	1	1	1
OUT	0	3	8	15	24	35	1

7.976 sec

IN	1	2	3	4	5	6	0	
STEP 1	1	1	1	1	1	1	1	2
STEP 2	3	4	5	6	7	1	1	1
STEP 1	2	3	4	5	6	0	1	1
STEP 1	1	1	1	1	1	1	1	1
STEP 0	1	2	3	4	5	-1	1	1
STEP 2*0 3*1 4*2 5*3 6*4 7*5 0*-1	0	1	1	1	1	1	1	1
OUT	0	3	8	15	24	35	0	0

31.041 sec

IN	1	2	3	4	5	6	0	
STEP 1	1	1	1	1	1	1	1	2
STEP 2	3	4	5	6	7	1	1	1
STEP 1	2	3	4	5	6	0	1	1
STEP 1	1	1	1	1	1	1	1	1
STEP 0	1	2	3	4	5	-1	1	1
STEP 2*0 3*1 4*2 5*3 6*4 7*5 1*-1	1	1	1	1	1	1	1	1
OUT	0	3	8	15	24	35	-1	1

26.202 sec

GIVE UP {}

IN	1	
STEP 2	2	1
STEP 0	1	1
OUT	0	1

73.267 sec

IN	1	2
STEP 2	3	1
STEP 0	1	1
OUT	0	3

13.646 sec

7e

{}

IN	1	
STEP 2	2	1
OUT	1	1

11.157 sec

IN	1	
STEP 2	2	1
STEP 1	1	1
OUT	1	1

14.202 sec

IN	1	2
STEP 2	3	1
STEP 1	3	0
OUT	1	2

25.875 sec

IN	1	2
STEP 2	3	1
STEP 1	2	1
OUT	1	2

4.735 sec

IN	1	
STEP 2	2	1
STEP 1	1	1
OUT	1	1

5.711 sec

IN	1	2
STEP 2	3	1
STEP 1	1	1
OUT	1	3

20.506 sec

8b

IN	1	3
STEP 2	4	1
STEP 1	2	1
OUT	1	8

14.952 sec

IN	1	
STEP 2		0
OUT	0	0

62.609 sec

IN	1	
STEP 2		0
STEP 1		2
OUT	0	0

35.894 sec

IN	1	
OUT	0	0

28.08 sec

IN	1	2
OUT	0	6

18.2 sec

GIVE UP {}

IN	2	5	6
STEP 3	6	7	1
STEP 1	3	5	0
OUT	3	18	35

41.064 sec

IN	2	5	9
STEP 3	6	10	1
STEP 1	3	8	0
OUT	3	18	80

16.662 sec

IN	2	6	9
STEP 3	7	10	1
STEP 1	5	8	1
OUT	3	35	80

16.446 sec

9b

{}

IN	1	
STEP 2	2	1
STEP 0	1	1
OUT	0	1

10.349 sec

IN	1	2
STEP 2	3	1
STEP 0	1	1
OUT	0	3

15.236 sec

10b

{}

IN	1	2
STEP 2	3	1
STEP 0	1	1
OUT	0	3

146.071 sec

11e

{}

IN 1 2	IN 1 2	IN 1 1	IN 1 0	IN 1 1	IN 1 1
OUT 0 1 1	OUT 0 3 0	OUT 0 3 0	OUT 0 1 0	OUT 0 4 0	OUT 0 4 0
28.639 sec	13.028 sec	2.308 sec	4.853 sec	6.293 sec	0.678 sec

12b

IN 1	IN 1	IN 1	IN 1	IN 1	IN 1	IN 1 2
STEP 1 13	STEP 2 2	STEP 3 2	STEP 3 2	STEP 4 2	STEP 2 2	STEP 2 4 1
OUT 0 2	OUT 0 1	OUT 0 1	OUT 0 1	OUT 0 1	OUT 4 2	OUT 4 6 1
20.677 sec	2.963 sec	2.731 sec	0.488 sec	2.168 sec	3.743 sec	6.184 sec

IN 1 1	IN 1 1	IN 1 1	IN 1 1	IN 1	IN 1	IN 1
STEP 2 2 2	STEP 2 2 2	STEP 2 2 2	STEP 2 2 2	STEP 2 2	STEP 2 2	STEP 2 2
OUT 3 3 1	OUT 3 3 1	OUT 3 3 1	OUT 3 3 1	OUT 3 1	OUT 3 1	OUT 3 1
62.232 sec	0.904 sec	0.49 sec	0.226 sec	3.232 sec	0.294 sec	0.544 sec

IN 1	IN 1
STEP 2 2	STEP 2 2
OUT 3 1	OUT 3 1
0.287 sec	183.498 sec

GIVE UP {}

IN 1 2 3
STEP 2 3 4 1
STEP 0 1 2 1
OUT 0 3 8 1
45.355 sec

13e

{}

IN 1	IN 1	IN 1	IN 1	IN 1	IN 1
STEP (2)*(0) 0	STEP (1+1) 0	STEP (1-1) 0	STEP (2)*(0) 0	STEP (2)*(0) 0	STEP (1+1) 0
OUT 0 1	OUT 0 4	OUT 0 1	OUT 0 1	OUT 0 1	OUT 0 4
28.17 sec	4.553 sec	24.253 sec	11.002 sec	1.892 sec	17.277 sec

14e

IN 1	IN 1	IN 1 2	IN 1
STEP (1+1) 0	STEP (1+1) 0	STEP (1+1) (2+1) 0	STEP (1+1)*(1-1) 0
STEP (1-1) 0	STEP (1-1) 0	STEP (1-1) (2-1) 0	STEP (2)*(0) 0
OUT 0 4	OUT 0 1	STEP (2)*(0) (3)*(1) 0	OUT 0 1
13.586 sec	33.189 sec	25.593 sec	34.596 sec

GIVE UP

{u'NO\_PROGRAM\_FOUND': 18}

IN 1	IN 1 2	IN 1 2	IN 1 2	IN 1 2	IN 1
STEP 1 13	STEP 1 1 2	STEP 1 1 2	STEP 1 1 2	STEP 1 1 2	STEP 1 13
OUT 2 1	OUT 2 3 1	OUT 2 3 1	OUT 0 6 0	STEP 2 1 0	STEP 0 2
26.615 sec	28.922 sec	1.827 sec	88.457 sec	STEP 0 0	OUT 0 1
				OUT 0 6 0	44.706 sec

15e

IN 1 2	IN 1 2 3	IN 1 2 3	IN 1 2 3
STEP 1 1 2	STEP 1 1 1 2	STEP 1 1 1 2	STEP 1 1 1 2
STEP 0 1 1	STEP 0 1 2 1	STEP 0 1 2 1	STEP 0 1 2 1
OUT 0 3 1	OUT 0 3 8 0	STEP 4 0	STEP 0 3 4 0
56.98 sec	39.386 sec	OUT 0 3 8 0	OUT 0 3 8 1
		48.601 sec	31.065 sec

GIVE UP {u'NO\_PROGRAM\_FOUND':

6, u'EMPTY\_CELL': 2}

IN	1	5	
STEP	2	6	1
STEP	0	4	1
OUT	0	24	1

102.372 sec

16e }

IN	1	3	10	25	
STEP	2	2	9	24	0
STEP	0	4	11	26	0
OUT	0	8	99	624	1

47.641 sec

IN	1	3	10	25	
STEP	0	2	9	24	1
STEP	2	4	11	26	1
OUT	0	8	99	624	1

38.198 sec

17b }

IN	1	
STEP	+1	12
OUT	0	2

28.551 sec

IN	1	
STEP	2	2
OUT	1	1

69.821 sec

IN	1	2	
STEP	2	3	1
OUT	1	2	1

16.816 sec

IN	1	2	
STEP	2	3	1
STEP	1	1	1
OUT	1	2	1

69.453 sec

IN	1	2	
STEP	2	3	1
STEP	0	1	1
OUT	1	2	1

12.955 sec

IN	1	2	
STEP	2	3	1
STEP	0	1	1
OUT	0	2	1

23.885 sec

18e

IN	1	2	
STEP	2	3	1
STEP	0	1	1
OUT	0	3	1

23.08 sec

}

IN	1	
STEP	2	2
STEP	1	1
OUT	1	1

28.117 sec

IN	1	
STEP	2	2
STEP	1	1
OUT	1	1

37.473 sec

IN	1	
STEP	2	2
STEP	1	1
OUT	2	1

13.422 sec

IN	1	
STEP	2	2
STEP	1	1
OUT	2	1

1.048 sec

IN	1	
STEP	2	2
STEP	1	1
OUT	1	1

4.824 sec

IN	1	
STEP	1	13
STEP	1	1
OUT	1	1

2.186 sec

IN	1	
STEP	3	2
STEP	1	3
OUT	1	1

2.992 sec

19b

IN	1	
STEP	2	2
STEP	1	1
OUT	1	1

3.135 sec

IN	1	2
STEP	2	3
STEP	1	2
OUT	1	2

8.778 sec

IN	1	2	3	
STEP	2	3	4	1
STEP	1	2	3	1
OUT	1	2	3	1

14.221 sec

IN	1	2	3	4	5	
STEP	2	3	4	5	6	1
STEP	1	2	3	4	5	1
OUT	1	2	3	4	5	1

32.933 sec

IN	1	2	3	4	5	
STEP	2	3	4	5	6	1
STEP	1	2	3	4	5	1
OUT	1	2	3	4	5	1

0.654 sec

IN	1	2	3	4	5	
STEP	2	3	4	5	6	1
STEP	1	2	3	4	5	1
OUT	1	2	3	4	5	1

0.162 sec

IN	1	2	3	4	5	
STEP	2	3	4	5	6	1
STEP	1	2	3	4	5	1
OUT	2	2	3	4	5	0

46.972 sec

IN	1	3	4	5	
STEP	2	4	5	6	1
STEP	1	3	4	5	1
OUT	1	3	4	5	1

4.657 sec

IN	1	
STEP	2	2
STEP	1	1
OUT	1	1

4.305 sec

GIVE UP }

IN	1	2	
STEP	2	3	1
STEP	0	0	3
OUT	0	0	1

94.223 sec

IN	1,1	
STEP	2	2
STEP	1,1	1
OUT	0	6

214.471 sec

IN	1,1	
STEP	2	2
STEP	1,1	1
STEP	0	6
OUT	0	1

26.29 sec

IN	1	
STEP	1	13
STEP	2	1
OUT	0	1

96.455 sec

IN	1	
STEP	2	2
OUT	0	1

10.165 sec

IN	1	
STEP	2	2
STEP	1	1
STEP	1	1
OUT	0	1

144.96 sec

IN	1	
STEP	1	13
STEP	1	1
STEP	1	1
OUT	0	2

43.664 sec

20b

IN	1	2	
STEP	1	3	0
STEP	1	2	2
STEP	1	2	2

31.791 sec

IN	1	2	
STEP	1	3	0
STEP	1	2	2
STEP	1	1	1

50.199 sec

IN	1	2	
STEP	2	3	1
STEP	1	2	1
STEP	1	1	1

88.577 sec

IN	1	2	
STEP	2	3	1
STEP	0	3	0

71.747 sec

GIVE UP }

IN	1	
STEP	2	2
STEP	0	1
OUT	0	1

26.343 sec

IN	1	2
STEP	2	3
STEP	0	1
OUT	0	3

21.125 sec

}

21e

IN	4	
STEP	5	1
OUT	15	1

63.754 sec

}

22b

IN	1	
STEP	2	2
STEP	0	1
OUT	0	1

22.424 sec

IN	1	2
STEP	2	3
STEP	0	1
OUT	0	3

11.977 sec

}

23b

IN	1	2
STEP	2	3
STEP	0	1
OUT	0	6

54.378 sec

IN	1	2	3
STEP	2	3	4
STEP	0	1	2
OUT	0	6	12

64.905 sec

IN	1	2	3
STEP	2	3	4
STEP	0	1	2
OUT	0	3	12

104.105 sec

IN	1	2	3
STEP	2	3	4
STEP	0	1	2
OUT	0	3	8

17.431 sec

}

24b

IN	1	5
STEP	2	6
STEP	2	7
STEP	1	6
OUT	2	36

82.095 sec

IN	1	5	3
STEP	2	6	4
STEP	2	7	4
STEP	1	6	3
OUT	2	36	12

95.416 sec

IN	1	5	3
STEP	2	6	4
STEP	1	5	3
STEP	0	4	2
OUT	0	24	8

34.349 sec

}

25b

IN	1	2
STEP	2	3
STEP	0	2
OUT	0	6

25.153 sec

IN	1	2
STEP	2	3
STEP	0	3
OUT	0	3

33.112 sec

IN	1	2
STEP	2	3
STEP	0	1
OUT	0	3

27.546 sec

{u'NO\_PROGRAM\_FOUND': 2}

26e

IN	1	
STEP	2	0
OUT	0	0

29.276 sec

IN	1	2
STEP	2	3
STEP	0	3
OUT	0	3

12.635 sec

IN	1	2
STEP	2	3
STEP	0	1
OUT	0	3

14.943 sec

{u'NO\_PROGRAM\_FOUND': 1, u'EMPTY\_CELL': 2}

27e

IN	2	4
STEP	3	5
STEP	1	3
OUT	3	15

67.734 sec

}

28e

IN	1	2
STEP	2	3
STEP	0	1
OUT	0	3

85.118 sec

}

29e

http://crowdpbe.appspot.com/report?mode=tasks

30/123

IN 1		
STEP 2	2	
STEP 0	1	
OUT 0	1	
23.671 sec		

IN 1		
STEP 2	2	
STEP 2	1	
STEP 0	1	
OUT 0	1	
19.313 sec		

IN 1		
STEP 2	2	
STEP 0	1	
OUT 0	1	
3.797 sec		

IN 1		
STEP 1	13	
STEP 2	1	
STEP 0	1	
OUT 0	1	
42.135 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
15.697 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.539 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
2.018 sec		

30b

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
6.382 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.647 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.329 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.345 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.294 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.3 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.225 sec		

  

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.269 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.247 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.264 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.274 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.323 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.313 sec		

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.305 sec		

  

IN 1		
STEP +1	12	
STEP 2	1	
STEP 0	1	
OUT 0	1	
0.327 sec		

IN 1		
STEP 2	2	
STEP 0	1	
STEP 2	1	
OUT 0	1	
30.83 sec		

IN 1		
STEP 1	13	
STEP 2	1	
STEP 0	1	
STEP 2	1	
OUT 0	1	
6.907 sec		

IN 1		
STEP 2	2	
STEP 2	1	
STEP 0	1	
STEP 2	1	
OUT 0	1	
31.066 sec		

GIVE UP {}

## Sort numbers in ascending order task\_number\_sort

IN 1,-1,2,0,1	
OUT -1,1,0,1,2	1
50.841 sec	

1e {}

IN 1,-1,2,4,1	
OUT -1,1,1,2,4	1
15.608 sec	

2e {}

IN 1,-1,0,2,1,-2,2,0	
OUT -1,1,0,1,2,-2,0,2	1
19.112 sec	

3e {}

IN 1,-1,-2,-3,-4	
OUT -1,1	0
12.032 sec	

IN 1,-1,-2,-3,-4	
OUT -1,1,-2,-3,-4	0
11.524 sec	

IN 1,-1	
OUT -1,1,0	
68.173 sec	

IN 1,-1,-2,-3	
OUT -1,1,	0
17.087 sec	

IN 1,-1,-2,-3	
OUT -1,1,	0
0.452 sec	

4b

IN 1,-1,-2,-3	
OUT -1,1,	0
0.162 sec	

IN 1,-1,-2,-3	
OUT -1,1,	0
0.181 sec	

IN 1,-1,-2,-3	
OUT -1,1,2,3	2
6.543 sec	

IN 1,-1,-2,-3,-4	
OUT -1,1,2,3,4	2
9.616 sec	

IN 1,-1,-2,-3,-4	
OUT -1,1,2,3,4	2
0.772 sec	

IN 1,-1,-2,-3,-4,5	
OUT -1,1,2,3,4,5	0
7.476 sec	

IN 1,-1,-2,-3	
OUT -1,1,2,3	2
5.525 sec	

IN 1,-1,-2,-3,-4	
OUT -1,1,2,3,4	2
385.004 sec	

GIVE UP {}

IN	1,-1	5,8,1	
OUT	-1,1	1,5,8	1

19.193 sec

5b {}

IN	1,-1	1,-1	-1,1,2	
STEP	F	T	T	0
OUT	-1,1	1,-1	2,1,-1	0

33.725 sec

IN	1,-1	1,-1	-1,1,2	-2,-1,0,1
STEP	F	T	T	T
OUT	-1,1	1,-1	2,1,-1	1,0,-1,-2

34.715 sec

6b

IN	1,-1	1,-1	-1,1,2	-2,-1,0,1	-2,1,3,0	1,2,3,4	
STEP	F	T	T	T	F	F	0
OUT	-1,1	1,-1	2,1,-1	1,0,-1,-2	-2,0,1,3	4,3,2,1	0

34.046 sec

IN	1,-1	1,-1	-1,1,2	-2,-1,0,1	-2,1,3,0	1,2,3,4	1,2,3,4
STEP	F	T	T	T	F	F	T
OUT	-1,1	1,-1	2,1,-1	1,0,-1,-2	-2,0,1,3	4,3,2,1	1,2,3,4

16.725 sec

IN	1,-1	1,-1	-1,1,2	-2,-1,0,1	-2,1,3,0	1,2,3,4	1,2,3,4
STEP	T	F	F	T	F	F	T
OUT	-1,1	1,-1	1,2,-1	-2,-1,0,1	-2,0,1,3	4,3,2,1	1,2,3,4

48.224 sec

IN	1,-1	1,-1	-1,1,2	-2,-1,0,1	
STEP	T	F	F	T	0
OUT	-1,1	1,-1	1,2,-1	-2,-1,0,1	0

5.052 sec

IN	1,-1	1,-1	-1,1,2	-2,-1,0,1	1,2,3,4	1,2,3,4	
STEP	T	F	F	T	T	F	0
OUT	-1,1	1,-1	1,2,-1	-2,-1,0,1	1,2,3,4	4,3,2,1	0

19.16 sec

IN	1,-1	1,-1	-1,1,2	-2,-1,0,1	1,2,3,4	1,2,3,4	
STEP	T	F	F	T	T	F	0
OUT	-1,1	1,-1	1,2,-1	-2,-1,0,1	1,2,3,4	4,3,2,1	0

0.507 sec

IN	1,-1	1,-1	-1,1,2	-2,-1,0,1	1,2,3,4	1,2,3,4	
STEP	-1<1						0
OUT	-1,1	1,-1	1,2,-1	-2,-1,0,1	1,2,3,4	4,3,2,1	0

50.009 sec

IN	1,-1	1,-1	-1,1,2	-2,-1,0,1	1,2,3,4	1,2,3,4	
STEP	-1<1	-1<1					0
OUT	-1,1	1,-1	1,2,-1	-2,-1,0,1	1,2,3,4	4,3,2,1	0

16.212 sec

IN	1,-1	1,-1	-1,1,2	
STEP	-1<1	-1<1	-1<1<2	0
OUT	-1,1	1,-1	-1,1,2	0

18.426 sec

IN	1,-1	1,-1	-1,1,2	1,2,3,4	
STEP	-1<1	-1<1	-1<1<2	1<2<3<4	0
OUT	-1,1	1,-1	-1,1,2	1,2,3,4	0

11.015 sec

IN	1,-1	1,-1	-1,1,2	1,2,3,4	
STEP	-1<1	-1<1	-1<1<2	1<2<3<4	0
OUT	-1,1	1,-1	-1,1,2	1,2,3,4	0

0.553 sec

GIVE UP

{}

IN	1,-1	1,2	
OUT	-1,1	1,2	1

8.352 sec

7e {}

IN	1,-1	-3,0,5	
OUT	-1,1	-3,0,5	1

17.123 sec

8b {}

IN	1,-1	2,6,0,9	3,7,-9,0	
OUT	-1,1	0,2,6,9	-9,0,3,7	1

28.133 sec

9b {}

IN	1,-1,2,3,4	
OUT	-1,1,2,3,4	1

13.135 sec

10b {}

IN	1,-1	3,4	3,7,2,6	3,-9,-8,1	
OUT	-1,1	3,4	2,3,6,7	-9,-8,1,3	1

57.686 sec

IN	1,-1	3,4	
OUT	-1,1	3,4	1

28.869 sec

11e {}



IN	1,-1	1,0,2	
OUT	-1,1	0,1,2	1

19.16 sec

12b

{}

IN	1,-1	2,1	
OUT	-1,1	1,2	2

18.609 sec

IN	1,-1	2,1	2,-2,3,-4
OUT	-1,1	1,2	-4,-2,2,3

34.791 sec

IN	1,-1	2,-2,3,-4	
OUT	-1,1	-4,-2,2,3	1

10.376 sec

IN	1,-1	2,-4	
OUT	-1,1	-4,2	2

27.753 sec

13e

IN	1,-1	2,-4	2,3
OUT	-1,1	-4,2	2,3

16.975 sec

{}

IN	1,-1		0,4,-1
STEP	increasing order	increasing order	0
OUT	-1,1		-1,0,4

81.612 sec

IN	1,-1	0,4,-1	
OUT	-1,1	-1,0,4	1

3.965 sec

14e

{u'NO\_PROGRAM\_FOUND': 1}

IN	1,-1	2,1	
OUT	-1,1	1,2	2

16.865 sec

IN	1,-1	2,1	9,7
OUT	-1,1	1,2	7,9

35.976 sec

IN	1,-1	2,1	9,7
OUT	-1,1	1,2	7,9

1.566 sec

IN	1,-1	2,1	9,7	5,-3
OUT	-1,1	1,2	7,9	-3,5

28.02 sec

15e

IN	1,-1	2,1	9,7	5,-3
OUT	-1,1	1,2	7,9	-3,5

1.259 sec

IN	1,-1	2,1	9,7	5,-3
OUT	-1,1	1,2	7,9	-3,5

2.306 sec

IN	1,-1	2,1	9,8,7	5,-3
OUT	-1,1	1,2	7,8,9	-3,5

40.935 sec

IN	1,-1	2,1	9,8,7	5,-3
OUT	-1,1	1,2	7,8,9	-3,5

1.511 sec

IN	1,-1	2,1	9,8,7	-2,5,-3
OUT	-1,1	1,2	7,8,9	-3,-2,5

84.555 sec

IN	1,-1	-2,5,-3	
OUT	-1,1	-3,-2,5	1

20.341 sec

IN	1,-1	-2,5,-3	
OUT	-1,1	-3,-2,5	1

22.794 sec

IN	1,-1	-2,5,-3	
OUT	-1,1	-3,-2,5	1

0.8 sec

IN	1,-1	-2,5,-3	4,-8,2,-24
OUT	-1,1	-3,-2,5	-24,-8,2,4

59.781 sec

IN	1,-1	-2,5,-3	4,-8,2,-24
OUT	-1,1	-3,-2,5	-24,-8,2,4

1.142 sec

IN	4,-8,2,-24	
OUT	-24,-8,2,4	1

38.155 sec

{}

IN	1,-1	5,8,10,2	10,7,4,3
OUT	-1,1	2,5,8,10	3,4,7,10

35.636 sec

IN	1,-1	5,8,10,2	10,7,4,3	12,3,10,8,1
OUT	-1,1	2,5,8,10	3,4,7,10	1,3,8,10,12

47.908 sec

16e

IN	1,-1	5,8,10,2	10,7,4,3	12,3,10,8,1
OUT	-1,1	2,5,8,10	3,4,7,10	1,3,8,10,12

1.204 sec

IN	1,-1	5,8,10,2	
OUT	-1,1	2,5,8,10	1

34.69 sec

IN	1,-1	-10,5,-2	
OUT	-1,1	-10,-2,5	1

64.517 sec

{}

IN	1,-1	5,3,8,4,-4	-3,-2,-5,8,0
OUT	-1,1	-4,3,4,5,8	-5,-3,-2,0,8

55.886 sec

IN	1,-1	5,3,8,4,-4	-3,-2,-5,8,0	0,2
OUT	-1,1	-4,3,4,5,8	-5,-3,-2,0,8	0,2

46.081 sec

17b

IN	1,-1	5,3,8,4,-4	-3,-2,-5,8,0	0,2	-5,1,0
OUT	-1,1	-4,3,4,5,8	-5,-3,-2,0,8	0,2	-5,0,1

21.28 sec

IN	1,-1	5,3,8,4,-4	-3,-2,-5,8,0	0,2	-5,1,0,-1
OUT	-1,1	-4,3,4,5,8	-5,-3,-2,0,8	0,2	-5,-1,0,1

11.361 sec

IN	1,-1	5,3,8,4,-4	-3,-2,-5,8,0	0,2	-5,1,0,-1
OUT	-1,1	-4,3,4,5,8	-5,-3,-2,0,8	0,2	-5,-1,0,1

2.824 sec

IN	1,-1	5,3,8,4,-4	-3,-2,-5,8,0	0,2	-5,1,0,-1
OUT	-1,1	-4,3,3,4,5,8	-5,-3,-2,0,8	0,2	-5,-1,0,1

35.031 sec

<b>IN</b>	1,-1	5,3,8,4,-4,3	-3,-2,-5,8,0,0,2	-5,1,0,-1	
<b>OUT</b>	-1,1	-4,3,3,4,5,8	-5,-3,-2,0,8,0,2	-5,-1,0,1	1

0.864 sec

<b>IN</b>	1,-1	5,3,8,4,-4,3	-3,-2,-5,8,0,0,2	-5,1,0,-1	
<b>OUT</b>	-1,1	-4,3,3,4,5,8	-5,-3,-2,0,8,0,2	-5,-1,0,1	1

0.344 sec

<b>IN</b>	1,-1	5,3,8,4,-4,3	-3,-2,-5,8,0,0,2	-5,1,0,-1	
<b>OUT</b>	-1,1	-4,3,3,4,5,8	-5,-3,-2,0,8,0,2	-5,-1,0,1	1

0.192 sec

<b>IN</b>	1,-1	5,3,8,4,-4,3	-3,-2,-5,8,0,0,2	-5,1,0,-1	
<b>STEP</b>		-4,3,8,4,5,3			0
<b>OUT</b>	-1,1	-4,3,3,4,5,8	-5,-3,-2,0,8,0,2	-5,-1,0,1	1

33.873 sec

<b>IN</b>	1,-1	5,3,8,4,-4,3	-3,-2,-5,8,0,0,2	-5,1,0,-1	
<b>OUT</b>	-1,1	-4,3,3,4,5,8	-5,-3,-2,0,8,0,2	-5,-1,0,1	1

17.504 sec

<b>IN</b>	1,-1	5,3,8,4,-4,3	-3,-2,-5,8,0,0,2	-5,1,0,-1	1,2,3,4
<b>OUT</b>	-1,1	-4,3,3,4,5,8	-5,-3,-2,0,8,0,2	-5,-1,0,1	1,2,3,4

29.346 sec

<b>IN</b>	1,-1	5,3,8,4,-4,3	-3,-2,-5,8,0,0,2	-5,1,0,-1	1,2,3,4
<b>OUT</b>	-1,1	-4,3,3,4,5,8	-5,-3,-2,0,8,0,2	-5,-1,0,1	1,2,3,4

0.573 sec

<b>IN</b>	1,-1	5,3,8,4,-4,3	-3,-2,-5,8,0,0,2	-5,1,0,-1	1,2,3,4
<b>OUT</b>	-1,1	-4,3,3,4,5,8	-5,-3,-2,0,8,0,2	-5,-1,0,1	1,2,3,4

0.296 sec

<b>IN</b>	1,-1	5,3,8,4,-4,3	-3,-2,-5,8,0,0,2	-5,1,0,-1	1,2,3,4
<b>OUT</b>	-1,1	-4,3,3,4,5,8	-5,-3,-2,0,8,0,2	-5,-1,0,1	1,2,3,4

0.184 sec

<b>IN</b>	1,-1	5,3,8,4,-4,3	-3,-2,-5,8,0,0,2	-5,1,0,-1	1,2,3,4
<b>OUT</b>	-1,1	-4,3,3,4,5,8	-5,-3,-2,0,8,0,2	-5,-1,0,1	1,2,3,4

0.194 sec

<b>IN</b>	1,-1	5,3,8,4,-4,3	-3,-2,-5,8,0,0,2	-5,1,0,-1	1,2,3,4
<b>OUT</b>	-1,1	-4,3,3,4,5,8	-5,-3,-2,0,8,0,2	-5,-1,0,1	1,2,3,4

0.183 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2
<b>OUT</b>	-1,1	3,4	-5,-3	0,2

29.632 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2
<b>OUT</b>	-1,1	3,4	-5,-3	0,2

0.59 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	1,2,3
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	1,2,3

10.506 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	1,2,3	3,2,1
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	1,2,3	1,2,3

7.96 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	1,2,3	3,2,1	-1,1
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	1,2,3	1,2,3	-1,1

9.926 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	1,2,3	3,2,1	-1,1	2,3,1
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	1,2,3	1,2,3	-1,1	1,2,3

11.92 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	1,2,3	3,2,1	-1,1	2,3,1
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	1,2,3	1,2,3	-1,1	1,2,3

26.735 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	1,2,3	3,2,1	-1,1	2,3,1	3,1,2
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	1,2,3	1,2,3	-1,1	1,2,3	1,2,3

15.961 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	1,2,3	3,2,1	-1,1	2,3,1	3,1,2	0
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	1,2,3	1,2,3	-1,1	1,2,3	1,2,3	0

24.032 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	1,2,3	3,2,1	-1,1	2,3,1	3,1,2	3,-4,0
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	1,2,3	1,2,3	-1,1	1,2,3	1,2,3	-4,0,3

17.88 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2
<b>STEP</b>	-1	3	-3	0
<b>STEP</b>	1	4	-5	2
<b>OUT</b>	-1,1	3,4	-5,-3	0,2

54.761 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2
<b>STEP</b>	-1	3	-5	0
<b>STEP</b>	1	4	-3	2
<b>OUT</b>	-1,1	3,4	-5,-3	0,2

9.065 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	-1,1
<b>STEP</b>	-1	3	-5	0	-1
<b>STEP</b>	1	4	-3	2	1
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	-1,1

18.729 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	-1,1	2,5,1
<b>STEP</b>	-1	3	-5	0	-1	1
<b>STEP</b>	1	4	-3	2	1	2
<b>STEP</b>						5
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	-1,1	1,2,5

28.528 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	-1,1	2,1
<b>STEP</b>	-1	3	-5	0	-1	1
<b>STEP</b>	1	4	-3	2	1	2
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	-1,1	1,2,5

11.849 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	-1,1	2,1
<b>STEP</b>	-1	3	-5	0	-1	1
<b>STEP</b>	1	4	-3	2	1	2
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	-1,1	1,2,5

1.329 sec

<b>IN</b>	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3
<b>STEP</b>	-1	3	-5	0	-1	1	-5
<b>STEP</b>	1	4	-3	2	1	2	-3
<b>OUT</b>	-1,1	3,4	-5,-3	0,2	-1,1	1,2	

22.486 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	
STEP	-1	3	-5	0	-1	1	-5	1
STEP	1	4	-3	2	1	2	-3	1
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	1

7.11 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	
STEP	-1	3	-5	0	-1	1	-5	1
STEP	1	4	-3	2	1	2	-3	1
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	1

0.826 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2
STEP	-1	3	-5	0	-1	1	-5	-2
STEP	1	4	-3	2	1	2	-3	3,4,8
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8

100.975 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2
STEP	-1	3	-5	0	-1	1	-5	-2
STEP	1	4	-3	2	1	2	-3	(3,4,8)
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8

9.047 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2
STEP	-1	3	-5	0	-1	1	-5	-2
STEP	1	4	-3	2	1	2	-3	(3,4,8)
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8

0.437 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2
STEP	-1	3	-5	0	-1	1	-5	-2
STEP	1	4	-3	2	1	2	-3	(3,4,8)
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8

0.52 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2
STEP	-1	3	-5	0	-1	1	-5	-2
STEP	1	4	-3	2	1	2	-3	(3,4,8)
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8

0.207 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8

8.699 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8

0.632 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8

0.215 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8

0.186 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8

0.174 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8

0.184 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8

0.188 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2	-1,-2,-3
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8	-3,-2,-1

27.916 sec

IN	1,-1	3,4	-3,-5	0,2	-1,1	2,1	-5,-3	3,4,8,-2	-1,-2,-3
STEP									0
OUT	-1,1	3,4	-5,-3	0,2	-1,1	1,2	-5,-3	-2,3,4,8	-3,-2,-1

83.586 sec

IN	1,-1	
STEP	T,F	3
OUT	-1,1	1

189.384 sec

IN	1,-1	-1,1
STEP	T,F	T,T
OUT	-1,1	-1,1

16.518 sec

IN	1,-1	-1,1
STEP	1,F	T,T
OUT	-1,1	-1,1

7.128 sec

IN	1,-1	-1,1
STEP	1,F	-1,T
OUT	-1,1	-1,1

3.561 sec

IN	1,-1	-1,1
STEP	1,F	-1,T
OUT	-1,1	-1,1

1.088 sec

IN	1,-1	-1,1
STEP	F,F	T,T
OUT	-1,1	-1,1

6.849 sec

IN	1,-1	-1,1	3,5
STEP	F,F	T,T	T,T
OUT	-1,1	-1,1	3,5

11.263 sec

IN	1,-1	-1,1	3,5
STEP	T,F	T,T	T,T
OUT	-1,1	-1,1	3,5

8.032 sec

GIVE UP {}

IN	1,-1	2,3	4,3
OUT	-1,1	2,3	3,4

51.226 sec

18e

{}

<b>IN</b>	1,-1	
<b>OUT</b>	-1,1	6
5.418 sec		

<b>IN</b>	1,-1 3,2	
<b>OUT</b>	-1,1 2,3	2
37.093 sec		

<b>IN</b>	1,-1 2,3	
<b>OUT</b>	-1,1 2,3	1
13.378 sec		

19b

{}

<b>IN</b>	1,-1 1,5,0 2,1,6	
<b>OUT</b>	-1,1 0,1,5 1,2,6	1
50.322 sec		

20b

{}

<b>IN</b>	1,-1 3,5,4	
<b>OUT</b>	-1,1 3,4,5	1
17.809 sec		

21e

{}

<b>IN</b>	1,-1	
<b>STEP</b>	reverse input	0
<b>OUT</b>	-1,1	4
41.473 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	-1,1,reverse input	0
<b>OUT</b>	-1,1	4
18.1 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	1,-1,reverse input	0
<b>OUT</b>	-1,1	4
15.728 sec		

22b

<b>IN</b>	1,-1	
<b>STEP</b>	1,-1,reverse input	0
<b>OUT</b>	-1,1	4
9.262 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	1,-1,reverse input	0
<b>OUT</b>	-1,1	4
0.824 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	1,-1,reverse input	0
<b>OUT</b>	-1,1	4
0.402 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	1,-1,reverse input	0
<b>OUT</b>	-1,1	4
0.181 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	1,-1,reverse input	0
<b>OUT</b>	-1,1	4
0.139 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	1,-1,reverse input	0
<b>OUT</b>	-1,1	4
0.154 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	-1,1	4
<b>OUT</b>	-1,1	1
10.389 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	1,reverse input	0
<b>STEP</b>	-1,reverse input	0
<b>OUT</b>	-1,1	1
41.234 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	1,reverse	0
<b>STEP</b>	-1,reverse	0
<b>OUT</b>	-1,1	1
12.379 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	F,T	3
<b>OUT</b>	-1,1	1
24.685 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	1 trans	0
<b>OUT</b>	-1,1	4
89.919 sec		

<b>IN</b>	1,-1	
<b>STEP</b>	reverse	0
<b>OUT</b>	-1,1	4
8.414 sec		

GIVE UP {}

<b>IN</b>	1,-1 0,5,-2	
<b>OUT</b>	-1,1 -2,0,5	1
14.044 sec		

23b

{}

<b>IN</b>	1,-1 1,7,3	
<b>OUT</b>	-1,1 1,3,7	1
27.469 sec		

24b

{}

<b>IN</b>	1,-1	
<b>OUT</b>	-1,1	4
21.963 sec		

<b>IN</b>	1,-1 5,3,2 1,9,8,7	
<b>OUT</b>	-1,1 2,3,5 1,7,8,9	1
121.498 sec		

25b

{}

<b>IN</b>	1,-1 2,1,3 4,5,1,9	
<b>OUT</b>	-1,1 1,2,3 1,4,5,9	1
53.048 sec		

26e

{}

<b>IN</b>	1,-1 2,-3	
<b>OUT</b>	-1,1 -3,2	2
9.144 sec		

<b>IN</b>	1,-1 2,-3 1,-6,7	
<b>OUT</b>	-1,1 -3,2 -6,1,7	1
19.318 sec		

27e

{}

IN	1,-1	6, 0, 5, 3, 1	2,1,3
OUT	-1,1	0, 1, 3, 5, 6	1,2,3
40.287 sec			

28e

{}

IN	1,-1	2,0,6
OUT	-1,1	0,6,2
31.367 sec		

IN	1,-1	2,0,6
OUT	-1,1	0,2,6
12.52 sec		

29e

{u'NO\_PROGRAM\_FOUND': 1}

IN	1,-1
STEP	T,F
OUT	-1,1
9.361 sec	

IN	1,-1
STEP	T,F
STEP	F,T
OUT	-1,1
8.817 sec	

IN	1,-1
OUT	-1,1
5.956 sec	

IN	1,-1
STEP	T,F
STEP	F,T
OUT	-1,1
20.754 sec	

IN	1,-1
STEP	-1,1
OUT	-1,1
22.819 sec	

IN	1,-1
STEP	-1,1
OUT	-1,1
1.761 sec	

30b

IN	1,-1
STEP	-1,1
STEP	-1,1
OUT	-1,1
7.796 sec	

IN	1,-1
STEP	-1,1
STEP	-1,1
OUT	-1,1
13.878 sec	

IN	1,-1
STEP	-1,1
OUT	-1,1
3.748 sec	

IN	1,-1
STEP	T,F
STEP	-1,1
OUT	-1,1
11.336 sec	

IN	1,-1
STEP	T,F
STEP	F,T
STEP	-1,1
OUT	-1,1
6.587 sec	

IN	1,-1
STEP	T,F
STEP	F,T
STEP	F,T
STEP	
STEP	-1,1
OUT	-1,1
6.299 sec	

IN	1,-1
STEP	T,F
STEP	F,T
STEP	F,T
STEP	F,T
STEP	-1,1
STEP	-1,1
OUT	-1,1
5.517 sec	

IN	1,-1
STEP	F,T
STEP	-1,1
OUT	-1,1
5.177 sec	

IN	1,-1
STEP	F,T
OUT	-1,1
6.932 sec	

IN	1,-1
STEP	F,F
OUT	-1,1
15.662 sec	

IN	1,-1
STEP	F
OUT	-1,1
20.584 sec	

IN	1,-1
STEP	F,T
OUT	-1,1
5.604 sec	

IN	1,-1
STEP	F,T
STEP	T,F
OUT	-1,1
12.407 sec	

GIVE UP {}

Find words that are longer than two letters task\_filter\_words\_by\_length

IN	be, are, I, some	when, you, are, waiting
OUT	are, some	when, you, are, waiting
144.187 sec		

IN	be, are, I, some	when, you, are, waiting
STEP	F,T,F,T	T,T,T,T
OUT	are, some	when, you, are, waiting
37.643 sec		

1e

IN	be, are, I, some	when, you, tired, waiting
STEP	2,3,1,4	4,3,5,7
STEP	F,T,F,T	T,T,T,T
OUT	are, some	when, you, are, waiting
137.259 sec		

IN	be, are, I, some	when, you, tired, waiting
STEP	2,3,1,4	4,3,5,7
STEP	F,T,F,T	T,T,T,T
OUT	are, some	when, you, tired, waiting
8.258 sec		

{u'TF\_WITHOUT\_NUMBER': 1, u'NO\_PROGRAM\_FOUND': 1, u'FILTER\_WITHOUT\_TF': 1}

IN	be, are, I, some
STEP	F,T,F,T
OUT	are, some
9.009 sec	

IN	be, are, I, some	mine, see, to
STEP	F,T,F,T	T,T,F
OUT	are, some	mine, see
55.526 sec		

IN	be, are, I, some
STEP	F,T,F,T
OUT	are, some
7.157 sec	

2e

IN	be, are, I, some
STEP	F,T,F,T
OUT	are, some
13.192 sec	

IN	be, are, I, some
STEP	F,T,F,T
OUT	are, some
2.19 sec	

IN	be, are, I, some
STEP	F,T,F,T
OUT	are, some
0.395 sec	

IN	be, are, I, some
STEP	F,T,F,T
OUT	are, some
0.223 sec	

<b>IN</b>	be,are,I,some	
<b>STEP</b>	2,3,1,4	1
<b>STEP</b>	F,T,F,T	1
<b>OUT</b>	are, some	1

26.065 sec

{u'TF\_WITHOUT\_NUMBER': 7}

<b>IN</b>	be, are, I, some	These, are, the, voyages	to, be, or, not, to, be	
<b>STEP</b>	F,T,F,T	T,T,T,T	F,F,F,T,F,F	0
<b>OUT</b>	are, some	These, are, the, voyages	not	1

76.131 sec

3e

<b>IN</b>	be, are, I, some	These, are, the, voyages	to, be, or, not, to, be	
<b>STEP</b>	2,3,1,4	5,3,3,7	2,2,2,3,2,2	1
<b>STEP</b>	F,T,F,T	T,T,T,T	F,F,F,T,F,F	1
<b>OUT</b>	are, some	These, are, the, voyages	not	1

35.03 sec

{u'TF\_WITHOUT\_NUMBER': 1}

<b>IN</b>	be, are, I, some , joke, jump	
<b>OUT</b>	are, some, joke, jump	0

30.293 sec

<b>IN</b>	be, are, I, some , joke, jump	
<b>OUT</b>	are, some, joke, jump	0

34.264 sec

4b

<b>IN</b>	be, are, I, some , joke, jump	
<b>OUT</b>	are, some, joke, jump	0

0.43 sec

<b>IN</b>	be, are, I, some , joke, jump	
<b>OUT</b>	are, some, joke, jump	0

0.177 sec

<b>IN</b>	be, are, I, some , joke, jump	
<b>OUT</b>	are, some, joke, jump	0

0.155 sec

<b>IN</b>	be, are, I, some , joke, jump	
<b>OUT</b>	are, some, joke, jump	0

0.158 sec

<b>IN</b>	be, are, I, some , joke, jump	
<b>OUT</b>	are, some, joke, jump	0

0.177 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>OUT</b>	are, some, joke, jump, please	0

6.993 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>OUT</b>	are, some, joke, jump, please	0

0.422 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>OUT</b>	are, some, joke, jump, please	0

0.183 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>OUT</b>	are, some, joke, jump, please	0

0.182 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>OUT</b>	are, some, joke, jump, please	0

0.178 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>OUT</b>	are, some, joke, jump, please	0

0.167 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>OUT</b>	are, some, joke, jump, please	0

0.176 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>OUT</b>	are, some, joke, jump, please	0

0.167 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>OUT</b>	are, some, joke, jump, please	0

0.177 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>OUT</b>	are, some, joke, jump, please	0

0.168 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>OUT</b>	are, some, joke, jump, please	0

0.164 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>OUT</b>	are, some, joke, jump, please	0

0.18 sec

<b>IN</b>	be, are, I, some , joke, jump, please	
<b>STEP</b>	joke, jump	0
<b>OUT</b>	are, some, joke, jump, please	0

9.132 sec

<b>IN</b>	be, are, I, some	
<b>OUT</b>	are, some,	0

13.57 sec

<b>IN</b>	be, are, I, some	
<b>OUT</b>	are, some,	0

0.556 sec

<b>IN</b>	be, are, I, some	
<b>OUT</b>	are, some,	0

0.187 sec

<b>IN</b>	be, are, I, some	
<b>OUT</b>	are, some,	0

0.155 sec

<b>IN</b>	be, are, I, some	
<b>OUT</b>	are, some,	0

0.156 sec

<b>IN</b>	be, are, I, some, believe	
<b>OUT</b>	are, some, believe	0

40.561 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

21.881 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.583 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.179 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.208 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.176 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.182 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.188 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.196 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.198 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.209 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.207 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.241 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.232 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.198 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>OUT</b>	are, some, believe, run	0

0.22 sec

<b>IN</b>	be, are, I, some, believe, run, me	
<b>STEP</b>	are, some, believe, run	0
<b>OUT</b>	are, some, believe, run	0

36.773 sec

GIVE UP {}

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>OUT</b>	are, some	1

12.157 sec

IN	be, are, I, some	there, a,am,some	
STEP	F,T,F,T	T,F,F,T	0
OUT	are, some		0

55.386 sec

5b

<b>IN</b>	be, are, I, some	there, a,am,some	
<b>STEP</b>	F,T,F,T	T,F,F,T	0
<b>OUT</b>	are, some	there,some	1

10.06 sec

<b>IN</b>	be, are, I, some	there, a,am,some	
<b>STEP</b>	2,3,1,4	5,1,2,4	1
<b>STEP</b>	F,T,F,T	T,F,F,T	1
<b>OUT</b>	are, some	there,some	1

73.371 sec

{}

<b>IN</b>	be, are, I, some	AM, I, MIKE, WALLY	RED, GO, GREEN	
<b>STEP</b>	T	F	T	0
<b>OUT</b>	are, some	AM, I	RED, GREEN	0

37.004 sec

6b

<b>IN</b>	be, are, I, some	am,i,mike,wally	red,go,green	
<b>STEP</b>	T	F	T	0
<b>OUT</b>	are, some	am, i	red,green	0

48.625 sec

<b>IN</b>	be, are, I, some	am,i,mike,wally	red,go,green	
<b>STEP</b>	T	F	T	0
<b>STEP</b>	are>2	am<=2		0
<b>STEP</b>	some>2	i<=2		0
<b>OUT</b>	are, some	am, i	red,green	0

55.477 sec

<b>IN</b>	be, are, I, some	am,i,mike,wally	red,go,green	
<b>STEP</b>	T	F	T	0
<b>STEP</b>	are>2	am<=2	red>2	0
<b>STEP</b>	some>2	i<=2	green>2	0
<b>OUT</b>	are, some	am, i	red,green	0

9.879 sec

<b>IN</b>	be, are, I, some	am,i,mike,wally	red,go,green	
<b>STEP</b>	T	F	T	0
<b>STEP</b>	are>2	am<=2	red>2	0
<b>STEP</b>	some>2	i<=2	green>2	0
<b>OUT</b>	are, some	am, i	red,green	0

0.54 sec

<b>IN</b>	be, are, I, some	am, i, mike, wally	red, go, green	
<b>STEP</b>	T	F	T	0
<b>STEP</b>	are>2	am<=2	red>2	0
<b>STEP</b>	some>2	i<=2	green>2	0
<b>OUT</b>	are, some	am, i	red,green	0

15.079 sec

<b>IN</b>	be, are, I, some	am, i, mike, wally	red, go, green	
<b>STEP</b>	T	F	T	0
<b>STEP</b>	are > 2	am <= 2	red > 2	0
<b>STEP</b>	some > 2	i <= 2	green > 2	0
<b>OUT</b>	are, some	am, i	red,green	0

26.906 sec

<b>IN</b>	be, are, I, some	am, i, mike, wally	red, go, green	
<b>STEP</b>	T	F	T	0
<b>STEP</b>	are > 2	am <= 2	red > 2	0
<b>STEP</b>	some > 2	i <= 2	green > 2	0
<b>OUT</b>	are, some	am, i	red,green	0

0.764 sec



<b>IN</b>	be, are, I, some	am, i, mike, wally	red, go, green	
<b>STEP</b>	are > 2	am <= 2	red > 2	0
<b>STEP</b>	some > 2	i <= 2	green > 2	0
<b>OUT</b>	are, some	am, i	red,green	0

11.371 sec

<b>IN</b>	be, are, I, some	am, i, mike, wally	red, go, green	
<b>STEP</b>	are > 2	am <= 2	red > 2	0
<b>STEP</b>	some > 2	i <= 2	green > 2	0
<b>STEP</b>	t	t	t	0
<b>OUT</b>	are, some	am, i	red,green	0

9.325 sec

<b>IN</b>	be, are, I, some	am, i, mike, wally	red, go, green	
<b>STEP</b>	are > 2	am <= 2	red > 2	0
<b>STEP</b>	some > 2	i <= 2	green > 2	0
<b>STEP</b>	T	T	T	0
<b>OUT</b>	are, some	am, i	red,green	0

7.679 sec

GIVE UP {}

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>OUT</b>	are, some	1

6.309 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	2,3,1,4	1
<b>STEP</b>	F,T,F,T	1
<b>OUT</b>	are, some	1

15.678 sec

7e

{u'TF\_WITHOUT\_NUMBER': 1}

<b>IN</b>	be, are, I, some	hi,bye,in,some	
<b>OUT</b>	are, some	bye,some	0

10.774 sec

<b>IN</b>	be, are, I, some	hi,bye,in,some	
<b>STEP</b>	F,T,F,T	F,T,F,T	0
<b>OUT</b>	are, some	bye,some	1

22.216 sec

8b

<b>IN</b>	be, are, I, some	hi,bye,in,some	
<b>STEP</b>	F,T,F,T	F,T,F,T	0
<b>OUT</b>	are, some	bye,some	1

102.658 sec

<b>IN</b>	be, are, I, some	hi,bye,in,some	
<b>STEP</b>	F,T,F,T	F,T,F,T	0
<b>OUT</b>	are, some	bye,some	1

0.342 sec

<b>IN</b>	be, are, I, some	hi,bye,in,some	
<b>STEP</b>	F,T,F,T	F,T,F,T	0
<b>OUT</b>	are, some	bye,some	1

0.166 sec

<b>IN</b>	be, are, I, some	hi,bye,in,some	
<b>STEP</b>	F,T,F,T	F,T,F,T	0
<b>OUT</b>	are, some	bye,some	1

0.109 sec

<b>IN</b>	be, are, I, some	hi,bye,in,some	
<b>STEP</b>	F,T,F,T	F,T,F,T	0
<b>OUT</b>	are, some	bye,some	1

0.142 sec

<b>IN</b>	be, are, I, some	hi,bye,in,some	
<b>STEP</b>	F,T,F,T	F,T,F,T	0
<b>OUT</b>	are, some	bye,some	1

0.149 sec

<b>IN</b>	be, are, I, some	hi,bye,in,some	
<b>STEP</b>	F,T,F,T	F,T,F,T	0
<b>OUT</b>	are, some	bye,some	1

0.122 sec

<b>IN</b>	be, are, I, some	hi,bye,in,dime	
<b>STEP</b>	F,T,F,T	F,T,F,T	0
<b>OUT</b>	are, some	bye,dime	1

18.861 sec

<b>IN</b>	be, are, I, some	hi,bye,in,dime	
<b>STEP</b>	F,T,F,T	F,T,F,T	0
<b>OUT</b>	are, some	bye,dime	1

11.943 sec

<b>IN</b>	be, are, I, some	hi,bye,in,dime	
<b>STEP</b>	F,T,F,T	F,T,F,T	0
<b>OUT</b>	are, some	bye,dime	1

15.61 sec

GIVE UP {}

<b>IN</b>	be, are, I, some	they,were,is	<b>IN</b>	be, are, I, some	they,were,is	a,b,c,dee,cee
<b>STEP</b>	F,T,F,T	T,T,F	<b>STEP</b>	F,T,F,T	T,T,F	F,F,F,T,T
<b>OUT</b>	are, some	they ,were	<b>OUT</b>	are,some	they,were	dee,cee
		0				0

15.298 sec

47.107 sec

9b

<b>IN</b>	be, are, I, some	they,were,is	go, down, is, huge, thirty
<b>STEP</b>	F,T,F,T	T,T,F	F,T,F,T,T
<b>OUT</b>	are,some	they,were	dee,cee
			0

303.329 sec

<b>IN</b>	be, are, I, some	they,were,is	go, down, is, huge, thirty
<b>STEP</b>	F,T,F,T	T,T,F	F,T,F,T,T
<b>OUT</b>	are,some	they,were	dee,cee
			0

1.61 sec

<b>IN</b>	be, are, I, some	they,were,is
<b>STEP</b>	F,T,F,T	T,T,F
<b>OUT</b>	are,some	they,were
		1

4.247 sec

<b>IN</b>	be, are, I, some	a,mercy,believe,u,you
<b>STEP</b>	F,T,F,T	F,T,T,F,T
<b>OUT</b>	are,some	they,were
		0

53.114 sec

<b>IN</b>	be, are, I, some	a,mercy,believe,u,you
<b>STEP</b>	F,T,F,T	F,T,T,F,T
<b>OUT</b>	are,some	mercy,believe,you
		1

26.597 sec

<b>IN</b>	be, are, I, some	a,mercy,believe,u,you	u,f,h,h
<b>STEP</b>	F,T,F,T	F,T,T,F,T	F,F,F,T
<b>OUT</b>	are,some	mercy,believe,you	
			0

11.776 sec

<b>IN</b>	be, are, I, some	a,mercy,believe,u,you	u,f,h,yes
<b>STEP</b>	F,T,F,T	F,T,T,F,T	F,F,F,T
<b>OUT</b>	are,some	mercy,believe,you	yes
			1

9.856 sec

<b>IN</b>	be, are, I, some	a,mercy,believe,u,you	u,f,h,yes	true,false,main,k
<b>STEP</b>	F,T,F,T	F,T,T,F,T	F,F,F,T	T,T,T,F
<b>OUT</b>	are,some	mercy,believe,you	yes	true,false,main
				1

20.436 sec

<b>IN</b>	be, are, I, some	a,mercy,believe,u,you	u,f,h,yes	true,false,main,k
<b>STEP</b>	F,T,F,T	F,T,T,F,T	F,F,F,T	T,T,T,F
<b>OUT</b>	are,some	mercy,believe,you	yes	true,false,main
				1

3.764 sec

<b>IN</b>	be, are, I, some	a,mercy,believe,u,you	u,f,h,yes	true,false,main,k
<b>OUT</b>	are,some	mercy,believe,you	yes	true,false,main
				0

35.736 sec

<b>IN</b>	be, are, I, some
<b>OUT</b>	are,some
	0

8.99 sec

<b>IN</b>	be, are, I, some
<b>STEP</b>	F,T,F,T
<b>OUT</b>	are,some
	0

10.341 sec

<b>IN</b>	be, are, I, some	high,lest,k,p
<b>STEP</b>	F,T,F,T	T,T,F,F
<b>OUT</b>	are,some	high,lest
		1

15.961 sec

<b>IN</b>	made,is,y	high,lest,k,p
<b>STEP</b>	T,F,F	T,T,F,F
<b>OUT</b>	made	high,lest
		1

26.517 sec

<b>IN</b>	made,is,y	high,lest,k,p
<b>STEP</b>	T,F,F	T,T,F,F
<b>OUT</b>	made	high,lest
		1

0.314 sec

<b>IN</b>	made,is,y	high,lest,k,p
<b>STEP</b>	T,F,F	T,T,F,F
<b>OUT</b>	made	high,lest
		1

1.585 sec

<b>IN</b>	made,is,y	high,lest,ko,p
<b>STEP</b>	T,F,F	T,T,F,F
<b>OUT</b>	made	high,lest
		0

18.155 sec

<b>IN</b>	made,is,y	high,lest,ko,p
<b>STEP</b>	T,F,F	T,T,F,F
<b>OUT</b>	made	high,lest
		0

0.639 sec

GIVE UP {}

<b>IN</b>	be, are, I, some	
<b>STEP</b>	f,t,f,t	0
<b>OUT</b>	are, some	1

23.584 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	f,h,g,j,t,f,t	0
<b>OUT</b>	are, some	0

18.403 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	f,t,f,t	0
<b>OUT</b>	are, some	1

3.278 sec

10b

<b>IN</b>	be, are, I, some	them	
<b>STEP</b>	f,t,f,t	t	0
<b>OUT</b>	are, some	them	1

16.084 sec

<b>IN</b>	be, are, I, some	them	
<b>STEP</b>	f,t,f,t	t	0
<b>OUT</b>	are, some	them	1

0.917 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

18.793 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.813 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.493 sec

<b>IN</b>	be, am, are, I, some, there	
<b>STEP</b>	f,f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

13.384 sec

<b>IN</b>	be, am, are, I, some, there	
<b>STEP</b>	f,f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.933 sec

<b>IN</b>	are, I, some, there	
<b>STEP</b>	t,f,t,t	0
<b>OUT</b>	are, some, there	1

14.733 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

8.405 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

11.164 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.452 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.194 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.155 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.16 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.141 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.186 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.32 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.131 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.146 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.162 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.165 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.133 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	are, some, there	0
<b>STEP</b>		0
<b>OUT</b>	are, some, there	1

20.785 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	are, some, there	0
<b>STEP</b>	t,t,t	0
<b>OUT</b>	are, some, there	1

5.231 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	are, some, there	0
<b>OUT</b>	are, some, there	1

2.433 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	t,t,t	0
<b>OUT</b>	are, some, there	0

4.585 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

5.467 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

3.231 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.319 sec

<b>IN</b>	be, are, I, some, there	
<b>STEP</b>	f,t,f,t,t	0
<b>OUT</b>	are, some, there	1

0.167 sec

IN	be, are, I, some, there	
STEP	f,t,f,t,t	0
OUT	are, some, there	1

0.164 sec

IN	be, are, I, some, there	
STEP	f,t,f,t,t	0
OUT	are, some, there	1

0.136 sec

IN	be, are, I, some	
STEP	f,t,f,t,t	0
OUT	are, some, there	0

4.532 sec

IN	be, are, I, some	
STEP	f,t,f,t	0
OUT	are, some, there	0

2.638 sec

IN	be, are, I, some	
STEP	f,t,f,t	0
OUT	are, some, there	0

3.224 sec

IN	be, are, I, some	
STEP	f,t,f,t	0
OUT	are, some	0

2.32 sec

IN	be, are, I, some	
STEP	f,t,f,t	0
OUT	are, some	0

1.945 sec

IN	be, are, I, some	
STEP	f,t,f	0
OUT	are, some	0

6.854 sec

IN	be, are, I, some	
STEP	f,t,f,t	0
OUT	are, some	0

5.419 sec

IN	be, are, I, some	
STEP	f,t,f,t	0
OUT	are, some	0

6.416 sec

IN	be, are, I, some	
STEP	f,t,f,t	0
OUT	are, some	0

0.381 sec

IN	be, are, I, some	
STEP	f,t,f,t	0
OUT	are, some	0

0.167 sec

IN	be, are, I, some	
STEP	f,t,f,t	0
OUT	are, some	0

0.168 sec

IN	be, are, I, some	be,are	
STEP	f,t,f,t	f,t	0
OUT	are, some	are	1

7.9 sec

IN	be,are	
STEP	f,t	0
OUT	are	1

3.831 sec

IN	be,are, I, them	
STEP	f, t, a, t	0
OUT	are, them	0

17.333 sec

IN	be,are, I, them	
STEP	f, t, a, t	0
OUT	are, them	0

1.119 sec

IN	be,are, I, them	
STEP	f, t, f, t	0
OUT	are, them	1

3.233 sec

GIVE UP {}

IN	be, are, I, some	TO, JOHN, AT, LIE	
OUT	are, some	JOHN, LIE	0

24.662 sec

IN	be, are, I, some	
STEP	F,T,F,T	0
OUT	are, some	1

30.157 sec

IN	be, are, I, some	
STEP	F,T,F,T	0
OUT	are, some	1

13.185 sec

11e

IN	be, are, I, some	
STEP	2,3,1,4	1
STEP	F,T,F,T	1
OUT	are, some	1

29.058 sec

{u'TF\_WITHOUT\_NUMBER': 2, u'FILTER\_WITHOUT\_TF': 1}

IN	be, are, I, some	we, jar, I, dome	
OUT	are, some	jar, dome	0

26.638 sec

IN	be, are, I, some	we, jar, I, dome	
STEP	F, T, F, T	F, T, F, T	0
OUT	are, some	jar, dome	1

31.349 sec

12b

IN	be, are, I, some	we, jar, I	
STEP	F, T, F, T	F, T, F	0
OUT	are, some	jar, dome	0

27.828 sec

IN	be, are, I, some	we, jar, I, dome	
STEP	F, T, F, T	F, T, F	0
OUT	are, some	jar, dome	0

8.68 sec

IN	be, are, I, some	we, jar, I, dome	
STEP	F, T, F, T	F, T, F	0
OUT	are, some	jar, dome	0

0.837 sec

IN	be, are, I, some	we, jar, I, dome	
STEP	F, T, F, T	F, T, F, T	0
OUT	are, some	jar, dome	1

4.233 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

2.985 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.315 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.198 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.175 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.161 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.142 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.187 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.362 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.941 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.199 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.222 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.208 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.412 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.24 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.202 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.275 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.241 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.471 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.238 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.502 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.558 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.328 sec

<b>IN</b>	be, are, I, some	we, jar, I, dome	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	jar, dome	1

0.38 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T		0
<b>OUT</b>	are, some		1

6.567 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T		0
<b>OUT</b>	are, some		1

0.662 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T		0
<b>OUT</b>	are, some		1

0.189 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T		0
<b>OUT</b>	are, some		1

0.188 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T		0
<b>OUT</b>	are, some		1

0.162 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T		0
<b>OUT</b>	are, some		1

0.187 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T		0
<b>OUT</b>	are, some		1

0.346 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T		0
<b>OUT</b>	are, some		1

0.161 sec

<b>IN</b>	be, are, I, some		
<b>OUT</b>	are, some		0

2.01 sec

<b>IN</b>	be, are, I, some		
<b>OUT</b>	are, some		0

5.04 sec

<b>IN</b>	be, are, I, some	west, I, one	
<b>OUT</b>	are, some	west, one	0

21.585 sec

<b>IN</b>	be, are, I, some		
<b>OUT</b>	are, some		0

27.667 sec

<b>IN</b>	be, are, I, some		
<b>OUT</b>	are, some		0

15.043 sec

GIVE UP {}

<b>IN</b>	be, are, I, some	so,the,next,more	
<b>STEP</b>	2,3,1,4	2,3,4,4	1
<b>OUT</b>	are, some	the,next,more	0

43.265 sec

<b>IN</b>	be, are, I, some	so,the,next,more	
<b>STEP</b>	2,3,1,4	2,3,4,4	1
<b>STEP</b>	3,4	3,4,4	0
<b>OUT</b>	are, some	the,next,more	0

20.843 sec

13e

<b>IN</b>	be, are, I, some	so,the,next,more	
<b>STEP</b>	2,3,1,4	2,3,4,4	1
<b>STEP</b>	F,T,F,T	F,T,T,T	1
<b>OUT</b>	are, some	the,next,more	1

25.785 sec

{u'FILTER\_WITHOUT\_TF': 3}

<b>IN</b>	be, are, I, some	me, we, them, always	
<b>OUT</b>	are, some	them, always	0

18.074 sec

<b>IN</b>	be, are, I, some	me, we, them, always	
<b>STEP</b>	f, t, f, t	f, f, t, t	0
<b>OUT</b>	are, some	them, always	1

20.368 sec

14e

<b>IN</b>	be, are, I, some	me, we, them, always	
<b>OUT</b>	are, some	them, always	0

12.063 sec

<b>IN</b>	be, are, I, some	me, we, them, always	
<b>STEP</b>	I, be, are, some	me, we, them, always	0
<b>OUT</b>	are, some	them, always	0

15.491 sec

<b>IN</b>	be, are, I, some	me, we, them, always	
<b>STEP</b>	I, be, are, some	me, we, them, always	0
<b>STEP</b>	input>2	input>2	0
<b>OUT</b>	are, some	them, always	0

21.458 sec

<b>IN</b>	be, are, I, some	me, we, them, always	
<b>OUT</b>	are, some	them, always	0

5.436 sec

<b>IN</b>	be, are, I, some	me, we, them, always	
<b>OUT</b>	are, some	them, always	0

2.463 sec

<b>IN</b>	be, are, I, some	me, we, them, always	
<b>OUT</b>	are, some	them, always	0

0.955 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	I, be, are, some	0
<b>STEP</b>	1, 2, 3, 4	1
<b>OUT</b>	are, some	0
37.177 sec		

<b>IN</b>	be, are, I, some	
<b>STEP</b>	I, be, are, some	0
<b>STEP</b>	1, 2, 3, 4	1
<b>STEP</b>	f, f, t, t	1
<b>OUT</b>	are, some	1
20.43 sec		

<b>IN</b>	be, are, I, some	
<b>STEP</b>	2, 3, 1, 4	1
<b>STEP</b>	f, 2, f, t	0
<b>OUT</b>	are, some	0
23.49 sec		

<b>IN</b>	be, are, I, some	
<b>STEP</b>	2, 3, 1, 4	1
<b>STEP</b>	f, t, f, t	1
<b>OUT</b>	are, some	1
18.968 sec		

{u'TF\_WITHOUT\_NUMBER': 1, u'NO\_PROGRAM\_FOUND': 6, u'FILTER\_WITHOUT\_TF': 9}

<b>IN</b>	be, are, I, some	
<b>STEP</b>	2	0
<b>OUT</b>	are, some	0
17.598 sec		

<b>IN</b>	be, are, I, some	
<b>STEP</b>	2	0
<b>STEP</b>	be, I	0
<b>OUT</b>	are, some	0
20.05 sec		

<b>IN</b>	be, are, I, some	
<b>STEP</b>	2	0
<b>STEP</b>	be, I	0
<b>STEP</b>	are, some	0
<b>OUT</b>	are, some	1
13.91 sec		

<b>IN</b>	be, are, I, some	
<b>STEP</b>	2	0
<b>STEP</b>	be, I	0
<b>STEP</b>	are, some	0
<b>OUT</b>	are, some	1
20.342 sec		

15e

<b>IN</b>	be, are, I, some	
<b>OUT</b>	are, some	0
21.83 sec		

<b>IN</b>	be, are, I, some	
<b>STEP</b>	2	0
<b>OUT</b>	are, some	0
10.602 sec		

<b>IN</b>	be, are, I, some	
<b>STEP</b>	2	0
<b>STEP</b>	be, I	0
<b>OUT</b>	are, some	0
22.432 sec		

<b>IN</b>	be, are, I, some	
<b>STEP</b>	2	0
<b>STEP</b>	be, I	0
<b>OUT</b>	are, some	0
15.007 sec		

<b>IN</b>	be, are, I, some	me, joy	
<b>STEP</b>	2	2	0
<b>STEP</b>	be, I	me	0
<b>OUT</b>	are, some	joy	0
56.962 sec			

<b>IN</b>	be, are, I, some	me, joy	
<b>STEP</b>	2	2	0
<b>STEP</b>	be, I	me	0
<b>OUT</b>	are, some	joy	0
1.78 sec			

<b>IN</b>	be, are, I, some	me, joy	
<b>STEP</b>	2	2	0
<b>STEP</b>	F	F	17
<b>STEP</b>	be, I	me	0
<b>OUT</b>	are, some	joy	0
40.049 sec			

<b>IN</b>	be, are, I, some	me, joy	true, we, sun	
<b>STEP</b>	2	2	2	0
<b>STEP</b>	F	F	F	17
<b>STEP</b>	be, I	me	we	0
<b>OUT</b>	are, some	joy	true, sun	0
87.005 sec				

<b>IN</b>	be, are, I, some	me, joy	true, we, sun	
<b>STEP</b>	2	2	2	0
<b>STEP</b>	F	F	F	17
<b>STEP</b>	be, I	me	we	0
<b>OUT</b>	are, some	joy	true, sun	0
8.365 sec				

<b>IN</b>	be, are, I, some	me, joy	true, we, sun	
<b>STEP</b>	2	2	2	0
<b>STEP</b>	F	F	F	17
<b>STEP</b>	be, I	me	we	0
<b>OUT</b>	are, some	joy	true, sun	0
1.333 sec				

<b>IN</b>	be, are, I, some	me, joy	true, we, sun	
<b>STEP</b>	2	2	2	0
<b>STEP</b>	T	T	T	11
<b>STEP</b>	be, I	me	we	0
<b>OUT</b>	are, some	joy	true, sun	0
31.42 sec				

<b>IN</b>	be, are, I, some	me, joy	true, we, sun	
<b>STEP</b>	2	2	2	0
<b>STEP</b>	T	T	T	11
<b>STEP</b>	be, I	me	we	0
<b>OUT</b>	are, some	joy	true, sun	0
2.117 sec				

<b>IN</b>	be, are, I, some	me, joy	true, we, sun	
<b>STEP</b>	2	2	2	0
<b>STEP</b>	T	T	T	11
<b>STEP</b>	be, I	me	we	0
<b>OUT</b>	are, some	joy	true, sun	0
1.225 sec				

<b>IN</b>	be, are, I, some	me, joy	true, we, sun	
<b>STEP</b>	2	2	2	0
<b>STEP</b>	T	T	T	11
<b>STEP</b>	be, I	me	we	0
<b>STEP</b>	F	F	F	17
<b>STEP</b>	are, some	joy	true, sun	0
<b>OUT</b>	are, some	joy	true, sun	0

44.166 sec

GIVE UP {u'NO\_PROGRAM\_FOUND': 17, u'FILTER\_WITHOUT\_TF':

34}

<b>IN</b>	be, are, I, some	a, life, apple, to	
<b>STEP</b>	F, T, F, T	F, T, T, F	0
<b>OUT</b>	are, some	life, apple	1

37.898 sec

<b>IN</b>	be, are, I, some	a, life, apple, to	
<b>STEP</b>	2, 3, 1, 4	1, 4, 5, 2	1
<b>STEP</b>	F, T, F, T	F, T, T, F	1
<b>OUT</b>	are, some	life, apple	1

31.387 sec

16e

{u'TF\_WITHOUT\_NUMBER': 1}

<b>IN</b>	be, are, I, some	hi, words, than, are	me, be, you	
<b>STEP</b>	2, 3, 1, 4	2, 5, 4, 3	2, 2, 3	1
<b>STEP</b>	F, T, F, T	F, T, T, T	F, F, T	1
<b>OUT</b>	are, some	words, than, are	you	1

70.653 sec

17b

{}

<b>IN</b>	be, are, I, some	love, do, must	
<b>STEP</b>	F, T, F, T	T, F, T	0
<b>OUT</b>	are, some	love, must	1

39.178 sec

<b>IN</b>	be, are, I, some	love, do, must	
<b>OUT</b>	are, some	love, must	0

9.823 sec

18e

<b>IN</b>	be, are, I, some	love, do, must	
<b>STEP</b>	2, 3, 1, 4	4, 2, 4	1
<b>OUT</b>	are, some	love, must	0

23.683 sec

<b>IN</b>	be, are, I, some	love, do, must	
<b>STEP</b>	2, 3, 1, 4	4, 2, 4	1
<b>STEP</b>	F, T, F, T	T, F, T	1
<b>OUT</b>	are, some	love, must	1

21.239 sec

{u'TF\_WITHOUT\_NUMBER': 1,

u'FILTER\_WITHOUT\_TF': 2}

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T	0	
<b>OUT</b>	are, some	1	

17.309 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T	0	
<b>OUT</b>	are, some	1	

30.271 sec

<b>IN</b>	be, are, I, some	you, are, hard, to	
<b>STEP</b>	F, T, F, T	T, T, T, F	0
<b>OUT</b>	are, some	you, are, hard	1

39.679 sec

19b

<b>IN</b>	be, are, I, some	you, are, hard, to	
<b>STEP</b>	F, T, F, T	T, T, T, F	0
<b>OUT</b>	are, some	you, are, hard	1

1.739 sec

<b>IN</b>	be, are, I, some	you, are, hard, to	
<b>STEP</b>	F, T, F, T	T, T, T, F	0
<b>OUT</b>	are, some	you, are, hard	1

28.094 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T	0	
<b>OUT</b>	are, some	1	

34.065 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, F	0	
<b>OUT</b>	are, some	0	

4.08 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T	0	
<b>OUT</b>	are, some	1	

4.75 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T	0	
<b>OUT</b>	are, some	1	

24.419 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T	0	
<b>OUT</b>	are, some	1	

14.308 sec

GIVE UP {}



<b>IN</b>	be, are, I, some	A, so, cue, pantry	white, o, cement, to	
<b>OUT</b>	are, some	cue, pantry	white, cement	0

182.754 sec

20b

<b>IN</b>	be, are, I, some	A, so, cue, pant	to, o, calm, too	
<b>OUT</b>	are, some	cue, pant	calm, too	0

109.033 sec

<b>IN</b>	be, are, I, some	A, so, cue, pant	to, o, calm, too	
<b>OUT</b>	are, some	cue, pant	calm, too	0

2.559 sec

<b>IN</b>	be, are, I, some	so, cue, A, pant	to, too, o, calm	
<b>OUT</b>	are, some	cue, pant	too, calm	0

78.87 sec

<b>IN</b>	be, are, I, some	so, cue, a, pant		
<b>OUT</b>	are, some	cue, pant		0

12.609 sec

<b>IN</b>	be, are, I, some	so, cue, a, pant		
<b>STEP</b>	F,T,F,T	F,T,F,T		0
<b>OUT</b>	are, some	cue, pant		1

98.025 sec

<b>IN</b>	be, are, I, some	so, cue, a, pant		
<b>STEP</b>	(F,T,F,T)	(F,T,F,T)		0
<b>OUT</b>	are, some	cue, pant		0

46.152 sec

<b>IN</b>	be, are, I, some	so, cue, a, pant		
<b>STEP</b>	(F, T, F, T)	(F, T, F, T)		0
<b>OUT</b>	are, some	cue, pant		0

13.986 sec

<b>IN</b>	be, are, I, some	so, cue, a, pant		
<b>STEP</b>	F, T, F, T	F, T, F, T		0
<b>OUT</b>	are, some	cue, pant		1

9.35 sec

<b>IN</b>	be, are, I, some	so, cue, a, pant		
<b>STEP</b>	FTFT	FTFT		0
<b>OUT</b>	are, some	cue, pant		0

25.896 sec

<b>IN</b>	be, are, I, some	so, cue, a, pant		
<b>STEP</b>	(FTFT)	(FTFT)		0
<b>OUT</b>	are, some	cue, pant		0

10.865 sec

<b>IN</b>	be, are, I, some	so, cue, a, pant		
<b>STEP</b>	(FTFT)	(FTFT)		0
<b>OUT</b>	are, some	cue, pant		0

2.407 sec

<b>IN</b>	be, are, I, some	so, cue, a, pant		
<b>OUT</b>	are, some	cue, pant		0

6.135 sec

<b>IN</b>	be, are, I, some	so, cue, a, pant		
<b>OUT</b>	are, some	cue, pant		0

1.264 sec

<b>IN</b>	be, are, I, some	so, cue, a, pant	u, we, can, true	
<b>OUT</b>	are, some	cue, pant	can, true	0

40.976 sec

GIVE UP {}

<b>IN</b>	be, are, I, some			
<b>STEP</b>	2,3,1,4			0
<b>STEP</b>	f,t,f,t			0
<b>OUT</b>	are, some			0

74.671 sec

<b>IN</b>	be, are, I, some			
<b>STEP</b>	2,3,1,4			1
<b>STEP</b>	f,t,f,t			1
<b>OUT</b>	are, some			1

3.817 sec

21e

{u'EMPTY\_CELL': 3, u'FILTER\_WITHOUT\_TF': 1}

<b>IN</b>	be, are, I, some			
<b>STEP</b>	F,T,F,T			0
<b>OUT</b>	are, some			1

31.687 sec

<b>IN</b>	be, are, I, some			
<b>STEP</b>	No, Yes, No, Yes			0
<b>OUT</b>	are, some			0

112.944 sec

<b>IN</b>	be, are, I, some			
<b>STEP</b>	2,3,1,4			1
<b>STEP</b>				0
<b>OUT</b>	are, some			0

15.353 sec

22b

<b>IN</b>	be, are, I, some			
<b>STEP</b>	2,3,1,4			1
<b>STEP</b>	F,T,F,T			1
<b>OUT</b>	are, some			1

11.782 sec

{}

<b>IN</b>	be, are, I, some	so,brother	
<b>STEP</b>	f,t,f,t	f,t	0
<b>OUT</b>	are, some	brother	1

101.682 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	f,t,f,t	0
<b>OUT</b>	are, some	1

27.7 sec

IN	be, are, I, some	to,big,in,team	
STEP	f,t,f,t	f,t,f,t	0
OUT	are, some	big,team	1

139.925 sec

23b

IN	be, are, I, some	to,big,in,team	
STEP	f,t,f,t	f,t,f,t	0
OUT	are, some	big,team	1

1.412 sec

IN	be, are, I, some	to,big,in,team	
STEP	f,t,f,t	f,t,f,t	0
OUT	are, some	big,team	1

0.456 sec

IN	be, are, I, some	to,big,in,team	
STEP	f,t,f,t	f,t,f,t	0
OUT	are, some	big,team	1

18.224 sec

IN	be, are, I, some	to,big,in,team	
STEP	f,t,f,t	f,t,f,t	0
OUT	are, some	big,team	1

0.484 sec

IN	be, are, I, some	to,big,in,team	
STEP	f,t,f,t	f,t,f,t	0
OUT	are, some	big,team	1

0.259 sec

IN	be, are, I, some	to,big,in,team	
STEP	f,t,f,t	f,t,f,t	0
OUT	are, some	big,team	1

0.132 sec

IN	be, are, I, some	to,big,in,team	
STEP	f,t,f,t	f,t,f,t	0
OUT	are, some	big,team	1

0.141 sec

IN	be, are, I, some	to,big,in,team	
STEP	f,t,f,t	f,t,f,t	0
OUT	are, some	big,team	1

0.133 sec

IN	be, are, I, some	to,big,in,team	
STEP	f,t,f,t	f,t,f,t	0
OUT	are, some	big,team	1

0.142 sec

GIVE UP {}

IN	be, are, I, some	dog, car, to	
STEP	F,T,F,T	T,T,F	0
OUT	are, some	dog, car	1

127.889 sec

IN	be, are, I, some	dog, car, to	
OUT	are, some	dog, car	0

12.109 sec

24b

IN	be, are, I, some	to, dog, so, cat	
STEP	F, T, F, T	F, T, F, T	0
OUT	are, some	dog, car	0

68.26 sec

IN	be, are, I, some	to, dog, so, cat	
STEP	F, T, F, T	F, T, F, T	0
OUT	are, some	dog, cat	1

16.74 sec

IN	be, are, I, some	to, dog, so, cat	
STEP	F,T,F,T	F,T,F,T	0
OUT	are, some	dog, cat	1

31.54 sec

IN	be, are, I, some	to, dog, so, cat
OUT	are, some	dog, cat

15.936 sec

IN	be, are, I, some	hold, go, so, see	
STEP	F, T, F, T	T, F, F, T	0
OUT	are, some	hold, see	1

109.258 sec

IN	be, are, I, some	hold, go, so, see	hi, be, am	
STEP	F, T, F, T	T, F, F, T	F,F,F	0
OUT	are, some	hold, see		0

76.03 sec

<b>IN</b>	be, are, I, some	hold, go, so, see	hi, be, am, pour	
<b>STEP</b>	F, T, F, T	T, F, F, T	F,F,F,T	0
<b>OUT</b>	are, some	hold, see		0

11.183 sec

<b>IN</b>	be, are, I, some	hold, go, so, see	hi, be, am, pour	
<b>STEP</b>	F, T, F, T	T, F, F, T	F,F,F,T	0
<b>OUT</b>	are, some	hold, see	pour	1

3.767 sec

GIVE UP {}

<b>IN</b>	be, are, I, some	am,hello,with,same,the	
<b>STEP</b>	F,T,F,T	F,T,T,T,T	0
<b>OUT</b>	are, some	hello,with,same,the	1

42.539 sec

<b>IN</b>	be, are, I, some	am,hello,with,same,the	hi,two,new	
<b>STEP</b>	F,T,F,T	F,T,T,T,T	F,T,T	0
<b>OUT</b>	are, some	hello,with,same,the	two,new	1

36.648 sec

25b

<b>IN</b>	be, are, I, some	am, hello, with, same, the	hi, two, new	
<b>STEP</b>	F,T,F,T	F,T,T,T,T	F,T,T	0
<b>OUT</b>	are, some	hello,with,same,the	two,new	1

21.917 sec

<b>IN</b>	be, are, I, some	am, hello, with, same, the	hi, two, new	
<b>STEP</b>	F, T, F, T	F, T, T, T, T	F, T, T	0
<b>OUT</b>	are, some	hello, with, same, the	two, new	1

18.18 sec

<b>IN</b>	be, are, I, some	am, hello, with, same, the	hi, two, new, a	
<b>STEP</b>	F, T, F, T	F, T, T, T, T	F, T, T, F	0
<b>OUT</b>	are, some	hello, with, same, the	two, new	1

75.617 sec

<b>IN</b>	be, are, I, some	am, hello, with, same, the	hi, two, new, a	
<b>STEP</b>	2,3,1,4	2,5,4,4,3	2,3,3,1	1
<b>STEP</b>	F, T, F, T	F, T, T, T, T	F, T, T, F	1
<b>OUT</b>	are, some	hello, with, same, the	two, new	1

181.384 sec

{}

<b>IN</b>	be, are, I, some	hi, you, bad, good, a	
<b>STEP</b>	F,T,F,T	F, T,T,T, F	0
<b>OUT</b>	are, some	you, bad, good	1

33.803 sec

<b>IN</b>	be, are, I, some	hi, you, bad, good, a	
<b>STEP</b>	F,T,F,T	F,T,T,T,F	0
<b>OUT</b>	are, some	you, bad, good	1

7.83 sec

26e

<b>IN</b>	be, are, I, some	hi, you, bad, good, a	
<b>STEP</b>	2,3,1,4	2,3,3,4,1	1
<b>STEP</b>	F,T,F,T	F,T,T,T,F	1
<b>OUT</b>	are, some	you, bad, good	1

31.296 sec

{u'TF\_WITHOUT\_NUMBER': 2}

<b>IN</b>	be, are, I, some	there,as,home,at	
<b>STEP</b>	f,t,f,t	t,f,t,f	0
<b>OUT</b>	are, some	there, home	1

36.546 sec

<b>IN</b>	be, are, I, some	there,as,home,at	
<b>STEP</b>	2,3,1,4	5,2,4,2	1
<b>STEP</b>	f,t,f,t	t,f,t,f	1
<b>OUT</b>	are, some	there, home	1

44.916 sec

27e

{u'TF\_WITHOUT\_NUMBER': 1}

<b>IN</b>	be, are, I, some	he, be, she, two	
<b>STEP</b>			
<b>OUT</b>	are, some	she, two	0

40.793 sec

<b>IN</b>	be, are, I, some	he, be, she, two	
<b>STEP</b>	F, T, F, T	F, F, T, T	0
<b>OUT</b>	are, some	she, two	1

20.799 sec

28e

<b>IN</b>	be, are, I, some	he, to, she, two	they, call, by	
<b>STEP</b>	F, T, F, T	F, F, T, T	T, T, F	0
<b>OUT</b>	are, some	she, two	they, call	1

62.194 sec

<b>IN</b>	be, are, I, some	he, to, she, two	they, call, by	
<b>STEP</b>	F, T, F, T	F, F, T, T	T, T, F	0
<b>OUT</b>	are, some	she, two	they, call	1

1.697 sec

<b>IN</b>	be, are, I, some	he, to, she, two	they, call, by	
<b>STEP</b>	2, 3, 1, 4	2, 2, 3, 3	4, 4, 2	1
<b>STEP</b>	F, T, F, T	F, F, T, T	T, T, F	1
<b>OUT</b>	are, some	she, two	they, call	1

44.746 sec

{u'TF\_WITHOUT\_NUMBER': 3, u'FILTER\_WITHOUT\_TF': 1}

<b>IN</b>	be, are, I, some	if, land, cross, tree	
<b>STEP</b>	F, T, F, T	F, T, T, T	0
<b>OUT</b>	are, some	land, cross, tree	1

96.349 sec

<b>IN</b>	be, are, I, some	if, land, cross, tree	
<b>OUT</b>	are, some	land, cross, tree	0

53.276 sec

29e

<b>IN</b>	be, are, I, some	if, land, be, tree	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	land, cross, tree	0

49.515 sec

<b>IN</b>	be, are, I, some	if, and, be, tree	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	land, cross, tree	0

63.649 sec

<b>IN</b>	be, are, I, some	if, and, i, tree	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	land, cross, tree	0

16.286 sec

<b>IN</b>	be, are, I, some	if, and, i, tree	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	land, cross, tree	0

3.808 sec

<b>IN</b>	be, are, I, some	if, and, i, tree	
<b>STEP</b>	F, T, F, T	F, T, F, T	0
<b>OUT</b>	are, some	and, tree	1

15.331 sec

<b>IN</b>	be, are, I, some	if, hand, a, noble	
<b>STEP</b>	2,3,1,4	2,4,1,5	1
<b>STEP</b>	F, T, F, T	F, T, F, T	1
<b>OUT</b>	are, some	hand, noble	1

672.529 sec

{u'TF\_WITHOUT\_NUMBER':

6, u'NO\_PROGRAM\_FOUND': 4, u'FILTER\_WITHOUT\_TF': 1}

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F,T,F,T	0	
<b>OUT</b>	are, some	1	

19.036 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F,T,F,T	0	
<b>STEP</b>	T,T	0	
<b>OUT</b>	are, some	1	

11.922 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T	0	
<b>STEP</b>	T, T	0	
<b>OUT</b>	are, some	1	

17.118 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F, T, F, T	0	
<b>STEP</b>	T, T	0	
<b>OUT</b>	are, some	1	

0.953 sec

30b

<b>IN</b>	be, are, I, some		
<b>STEP</b>	T,F	0	
<b>STEP</b>	F, T, F, T	0	
<b>STEP</b>	T, T	0	
<b>OUT</b>	are, some	1	

15.585 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F,T,F,T	0	
<b>OUT</b>	are, some	0	

22.45 sec

<b>IN</b>	be, are, I, some		
<b>STEP</b>	F,T,F,T	0	
<b>STEP</b>	T,T	0	
<b>OUT</b>	are, some	0	

48.931 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.734 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.475 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.429 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.384 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.411 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.494 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.46 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.476 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.428 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.441 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.476 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.502 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.477 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.55 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.697 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.481 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.508 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.477 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.529 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.518 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.483 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.441 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.361 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.263 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.268 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

0.233 sec

<b>IN</b>	be, are, I, some	
<b>STEP</b>	F,T,F,T	0
<b>STEP</b>	T,T	0
<b>OUT</b>	are, some	0

104.003 sec

GIVE UP 

Find numbers that are not divisible by 4 without remainder task\_filter\_numbers

<b>IN</b>	1,4,5	8,4,12,14,10	
<b>STEP</b>	T,F,T	F,F,F,T,T	1
<b>OUT</b>	1,5	14,10	0

71.665 sec

<b>IN</b>	1,4,5	8,4,12,14,10	
<b>STEP</b>	T,F,T	F,F,F,T,T	1
<b>OUT</b>	1,5	14,10	1

31.834 sec

1e

{u'FILTER\_WITHOUT\_TF': 1}

<b>IN</b>	1,4,5				
<b>STEP</b>	0.25,1,1.15				0
<b>OUT</b>	1,5				0

-0.001 sec

<b>IN</b>	1,4,5				
<b>STEP</b>	0.25,1,1.15				0
<b>OUT</b>	1,5				0

44.793 sec

<b>IN</b>	1,4,5	2,8,9	3,10,12		
<b>STEP</b>	1,5	2,9	3,10		0
<b>OUT</b>	1,5	2,9	3,10		0

45.332 sec

<b>IN</b>	1,4,5	2,8,9	3,10,12		
<b>STEP</b>	T,F,T	T,F,T	T,T,F		1
<b>OUT</b>	1,5	2,9	3,10		1

29.416 sec

2e

{u'NO\_PROGRAM\_FOUND': 1, u'FILTER\_WITHOUT\_TF': 3}

<b>IN</b>	1,4,5	2,8,10	
<b>STEP</b>	0.25,1,1.25	0.5,2,2.5	1
<b>STEP</b>	T,F,T	T,F,T	1
<b>OUT</b>	1,5	2,10	1

57.717 sec

3e

{}

<b>IN</b>	1,4,5,6,7				
<b>OUT</b>	1,5				0

45.105 sec

<b>IN</b>	1,4,5,6,7				
<b>OUT</b>	1,5,6,7				0

6.323 sec

<b>IN</b>	1,4,5,8				
<b>OUT</b>	1,5,8				0

56.11 sec

<b>IN</b>	1,4,5				
<b>OUT</b>	1,5				0

2.875 sec

<b>IN</b>	1,4,5,6				
<b>OUT</b>	1,5,6				0

37.772 sec

<b>IN</b>	1,4,5,6				
<b>OUT</b>	1,5,6				0

27.544 sec

4b

<b>IN</b>	1,4,5,6				
<b>OUT</b>	1,5,6				0

0.286 sec

<b>IN</b>	1,4,5,6				
<b>OUT</b>	1,5,6				0

0.209 sec

<b>IN</b>	1,4,5,6				
<b>OUT</b>	1,5,6				0

0.176 sec

<b>IN</b>	1,4,5,6				
<b>OUT</b>	1,5,6				0

0.168 sec

<b>IN</b>	1,4,5,7				
<b>OUT</b>	1,5,7				0

16.045 sec

GIVE UP {}

<b>IN</b>	1,4,5	2,8,16,15	
<b>STEP</b>	T,F,T	T,F,F,T	1
<b>OUT</b>	1,5	2,15	1

18.443 sec

<b>IN</b>	1,4,5	2,8,16,15	
<b>STEP</b>	T,F,T	T,F,F,T	1
<b>OUT</b>	1,5	2,15	1

24.207 sec

5b

{}

<b>IN</b>	1,4,5	1,4,9,12,20	4,12,21,40		
<b>OUT</b>	1,5	4,12,20	4,12,40		0

33.373 sec

<b>IN</b>	1,4,5	1,4,9,12,20	4,12,21,40	1,4,12,16	4,12,16,21	
<b>STEP</b>	T	T	T	F	F	0
<b>OUT</b>	1,5	4,12,20	4,12,40	1	21	0

36.377 sec

6b

<b>IN</b>	1,4,5	1,4,9,12,20	4,12,21,40	1,4,12,16	4,12,16,21	4,6,12
<b>STEP</b>	T	T	T	F	F	T
<b>OUT</b>	1,5	4,12,20	4,12,40	1	21	4,12

41.657 sec

<b>IN</b>	1,4,5	1,4,9,12,20	4,12,21,40	1,4,12,16	4,12,16,21	4,6,12
<b>STEP</b>	T	T	T	F	F	T
<b>STEP</b>						1
<b>OUT</b>	1,5	4,12,20	4,12,40	1	21	4,12

30.463 sec

<b>IN</b>	1,4,5	1,4,9,12,20	4,12,21,40	1,4,12,16	4,12,16,21	4,6,12
<b>OUT</b>	1,5	4,12,20	4,12,40	1	21	4,12

20.658 sec

<b>IN</b>	1,4,5	1,4,9,12,20	4,12,21,40	1,4,12,16	4,12,16,21	4,6,12
<b>OUT</b>	1,5	4,12,20	4,12,40	4,12,16	4,12,16	4,12

21.491 sec

IN	1,4,5	1,4,9,12,20	4,12,21,40	1,4,12,16	4,12,16,21	4,6,12	11,12,13,14	
OUT	1,5	4,12,20	4,12,40	4,12,16	4,12,16	4,12	12	0

13.647 sec

IN	1,4,5	1,4,9,12,20	4,12,21,40	1,4,12,16	4,12,16,21	4,6,12	11,12,13,14	
STEP	T	T	T	T	T	T	T	0
OUT	1,5	4,12,20	4,12,40	4,12,16	4,12,16	4,12	12	0

12.62 sec

IN	1,4,5	1,4,9,12,20	4,12,21,40	1,4,12,16	4,12,16,21	4,6,12	11,12,13,14	
STEP	T	T	T	T	T	T	T	0
OUT	1,5	4,12,20	4,12,40	4,12,16	4,12,16	4,12	12	0

5.242 sec

IN	1,4,5	1,4,9,12,20	4,12,21,40	1,4,12,16	4,12,16,21	4,6,12	11,12,13,14	
STEP	T	T	T	T	T	T	T	0
OUT	1,5	4,12,20	4,12,40	4,12,16	4,12,16	4,12	12	0

18.211 sec

GIVE UP {}

IN	1,4,5	
STEP	T,F,T	2
OUT	1,5	1

6.561 sec

IN	1,4,5	0,4,6	
STEP	T,F,T	F,F,T	1
OUT	1,5	6	1

25.62 sec

25.62 sec

7e

{}

IN	1,4,5	
STEP	T,F,T	0
OUT	1,5	0

7.545 sec

IN	1,4,5	8,3,7	
STEP	T,F,T	F,T,T	2
OUT	1,5	3,7	1

46.488 sec

IN	1,4,5	8,3,7,13	
STEP	T,F,T	F,T,T,T	2
OUT	1,5	3,7,13	1

18.896 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

19.068 sec

8b

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

39.939 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.138 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.134 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.139 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.158 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.124 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.124 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.143 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.139 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.189 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.157 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.13 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.149 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.126 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.14 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.139 sec

IN	1,4,5	8,3,7,24	
STEP	T,F,T	F,T,T,f	2
OUT	1,5	3,7	1

0.127 sec

IN	1,4,5	8,3,7,24	64,9	
STEP	T,F,T	F,T,T,f	F,T	2
OUT	1,5	3,7	9	1

32.842 sec

IN	1,4,5	8,3,7,24	64,9	
STEP	T,F,T	F,T,T,f	F,T	2
OUT	1,5	3,7	9	1

1.069 sec

IN	1,4,5	8,3,7,24	64,9	
STEP	T,F,T	F,T,T,f	F,T	2
OUT	1,5	3,7	9	1

0.134 sec

IN	1,4,5	8,3,7,24	64,9	
STEP	T,F,T	F,T,T,f	F,T	2
OUT	1,5	3,7	9	1

0.125 sec

IN	1,4,5	8,3,7,24	64,9	
STEP	T,F,T	F,T,T,f	F,T	2
OUT	1,5	3,7	9	1

0.139 sec

IN	1,4,5	8,3,7,24	64,9	
STEP	T,F,T	F,T,T,f	F,T	2
OUT	1,5	3,7	9	1

23.245 sec

GIVE UP {}

IN	1,4,5	7,8,9	12,3,99	
OUT	1,5	7,9	3,99	0

51.91 sec

IN	1,4,5	7,8,9	12,3,99	
STEP	F,T,F	F,T,F	T,F,F	2
OUT	1,5	7,9	3,99	1

24.665 sec

IN	1,4,5	7,8,9,10	12,3,99	
STEP	F,T,F	F,T,F,F	T,F,F	1
OUT	1,5	7,9	3,99	0

17.595 sec

9b

IN	1,4,5	7,8,9,10	12,3,99	
STEP	F,T,F	F,T,F,F	T,F,F	1
OUT	1,5	7,9,10	3,99	1

4.452 sec

{}

IN	1,4,5			
STEP	4			0
OUT	1,5			1

10.653 sec

IN	1,4,5	2,3,4,8,12,16,17,18		
STEP	4	4		0
OUT	1,5	2,3,17,18		0

28.413 sec

IN	1,4,5	2,3,4,8,12,16,17,18		
STEP	4	4		0
OUT	1,5	2,3,17,18		0

6.683 sec

10b

IN	1,4,5	1,2,3,4,8,12,16,17,18		
STEP	4	4		0
OUT	1,5	1,2,3,17,18		1

8.765 sec

IN	1,4,5	1,2,3,4,8,12,16,17,18		
STEP	4	4		0
OUT	1,5	1,2,3,17,18		1

1.118 sec

IN	1,4,5	1,2,3,4,5,6,7,8,12,16,17,18		
STEP	4	4		0
OUT	1,5	1,2,3,5,6,7,17,18		1

28.667 sec

IN	1,4,5	1,2,3,4,5,6,7,8,12,16,17,18		
STEP	4	4		0
OUT	1,5	1,2,3,5,6,7,17,18		1

0.966 sec

IN	1,4,5			
STEP	4			0
OUT	1,5			1

12.164 sec

IN	1,4,5			
STEP	4			0
STEP	1			1
OUT	1,5			1

14.033 sec

IN	1,4,5			
STEP	1			1
STEP	4			2
OUT	1,5			1

4.419 sec

IN	1,4,5,6,7,8			
STEP	1			1
STEP	4			2
OUT	1,5,6,7			1

15.282 sec

IN	1,4,5,6,7,8			
STEP	1			1
STEP	4			2
OUT	1,5,6,7			1

1.133 sec

IN	1,4,5,6,7,8			
STEP	4			0
STEP	4			17
OUT	1,5,6,7			1

2.718 sec

IN	1,4,5,6,7,8			
STEP	4			0
STEP	1			1
OUT	1,5,6,7			1

1.566 sec

IN	1,4,5,6,7,8			
STEP	4			0
STEP	1			1
OUT	1,5,6,7			1

21.983 sec

IN	1,4,5,6,7,8,9,10,12			
STEP	4			0
STEP	1			1
OUT	1,5,6,7,9,10			1

11.097 sec

IN	1,4,5,6,7,8,9,10,12			
STEP	1			1
STEP	4			2
OUT	1,5,6,7,9,10			1

2.967 sec

IN	1,4,5,6,7,8,9,10,12			
STEP	4			0
STEP	1			1
OUT	1,5,6,7,9,10			1

10.199 sec

IN	1,4,5,6,7,8,9,10,12			
STEP	4			0
OUT	1,5,6,7,9,10			1

4.055 sec

IN	1,4,5,6,7,8,9,10,12			
STEP	4			0
STEP				1
OUT	1,5,6,7,9,10			1

16.528 sec



IN	1,4,5,6,7,8,9,10,12	
STEP 4		0
OUT	1,5,6,7,9,10	1

4.699 sec

IN	1,4,5	
STEP 4		0
OUT	1,5	1

24.702 sec

IN	1,4,5	
OUT	1,5	0

3.266 sec

IN	1,4,5	
STEP 4		0
OUT	1,5	1

4.35 sec

IN	1,4,5	
STEP 4		0
STEP 0		8
OUT	1,5	1

8.532 sec

IN	1,4,5,6,7,8,9,12	
STEP 4		0
STEP 0		8
OUT	1,5,6,7,9	1

13.098 sec

IN	1,4,5,6,7,8,9,12	
STEP 4		0
STEP 0		8
OUT	1,5,6,7,9	1

0.952 sec

IN	1,4,5,6,7,8,9,12	
STEP 0		0
STEP 4		1
OUT	1,5,6,7,9	1

3.684 sec

IN	1,4,5,6,7,8,9,12	
STEP 4		0
STEP 4		17
OUT	1,5,6,7,9	1

2.1 sec

IN	1,4,5,6,7,8,9,12	
STEP 1		1
STEP 4		2
OUT	1,5,6,7,9	1

1.531 sec

IN	1,4,5,6,7,8,9,12	
STEP 1		1
STEP 0		4
OUT	1,5,6,7,9	1

2.337 sec

IN	1,4,5,6,7,8,9,12	
STEP 1		1
STEP 0		4
OUT	1,5,6,7,9	1

0.831 sec

IN	1,4,5,6,7,8,9,12	
STEP 1		1
STEP 4		2
OUT	1,5,6,7,9	1

1.451 sec

IN	1,4,5,6,7,8,9,12	
STEP 4		0
STEP 4		17
OUT	1,5,6,7,9	1

2.013 sec

IN	1,4,5,6,7,8,9,12	
STEP 4		0
STEP 1		1
OUT	1,5,6,7,9	1

3.319 sec

IN	1,4,5,6,7,8,9,12	
STEP 1		1
STEP 1		1
OUT	1,5,6,7,9	2

4.481 sec

IN	1,4,5,6,7,8,9,12	
STEP 1		1
STEP 4		2
OUT	1,5,6,7,9	1

8.235 sec

IN	1,4,5,6,7,8,9,12	
STEP 1		1
STEP 0		4
OUT	1,5,6,7,9	1

28.18 sec

IN	1,4,5,6,7,8,9,12	
STEP 1		1
STEP 0		4
OUT	1,5,6,7,9	1

0.95 sec

IN	1,4,5,6,7,8,9,12	
STEP 1		1
STEP 4		2
OUT	1,5,6,7,9	1

1.569 sec

GIVE UP {}

IN	1,4,5	
STEP T,F,T		2
OUT	1,5	1

10.415 sec

IN	1,4,5,8,13	
STEP T,F,T F,T		2
OUT	1,5 13	1

31.271 sec

IN	1,4,5,8,13,28	
STEP T,F,T F,T,F		2
OUT	1,5 13	1

18.361 sec

IN	1,4,5,8,13,28,23	
STEP T,F,T F,T,F,T		2
OUT	1,5 13,23	1

25.298 sec

11e

IN	1,4,5,8,13,28,23,16,27,53	
STEP T,F,T F,T,F,T F,T,T		2
OUT	1,5 13,23 27,53	1

66.89 sec

IN	1,4,5,8,13,28,23,16,27,53	
OUT	1,5 13,23 27,53	0

11.008 sec

IN	1,4,5	
STEP T,F,T		2
OUT	1,5	1

18.007 sec

IN	1,4,5,2	
STEP T,F,T F		1
OUT	1,5 2	0

19.81 sec

IN	1,4,5,2	
STEP T,F,T T		1
OUT	1,5 2	1

15.654 sec

{u'FILTER\_WITHOUT\_TF': 2}

IN	1,4,5,2,4,6,7	
OUT	1,5 2,4,6	0

23.466 sec

IN	1,4,5,2,4,7	
OUT	1,5 2,4	0

13.578 sec

IN	1,4,5,2,4,7	
OUT	1,5 2,4	0

0.67 sec

IN	1,4,5,2,4,7	
OUT	1,5 2,4	0

0.231 sec

IN	1,4,5,2,4,7	
OUT	1,5 2,4	0

0.183 sec

12b

IN	1,4,5,2,4,7	
OUT	1,5 2,4	0

0.192 sec

IN	1,4,5,2,4,7	
OUT	1,5 2,4	0

0.405 sec

IN	1,4,5,2,4,7	
OUT	1,5 2,4	0

0.45 sec

IN	1,4,5,2,4,7	
STEP F,T,F T,T,F		1
OUT	1,5 2,4	0

14.646 sec

IN	1,4,5,2,4,7	
STEP F,T,F T,T,F		1
OUT	1,5 2,4	0

10.003 sec

IN 1,4,5	IN 1,4,5	IN 1,4,5	IN 1,4,5	IN 1,4,5	IN 1,4,5
STEP F,T,F 3	STEP F,T,F 3	STEP F,T,F 3	STEP F,T,F 3	STEP F,T,F 3	STEP F,T,F 3
OUT 1,5 1	OUT 1,5 1	OUT 1,5 1	OUT 1,5 1	OUT 1,5 1	OUT 1,5 1
3.199 sec	0.7 sec	0.638 sec	0.288 sec	3.281 sec	0.508 sec

IN 1,4,5	IN 1,4,5	IN 1,4,5	IN 1,4,5	IN 1,4,5	IN 1,4,5
STEP F,T,F 3	STEP F,T,F 3	STEP F,T,F 3	STEP F,T,F 3	STEP F,T,F 3	STEP F,T,F 3
OUT 1,5 1	OUT 1,5 1	OUT 1,5 1	OUT 1,5 1	OUT 1,5 1	OUT 1,5 1
0.244 sec	0.209 sec	0.193 sec	0.173 sec	0.179 sec	0.175 sec

IN 1,4,5	IN 1,4,5	IN 1,4,5	IN 1,4,5	IN 1,4,5	IN 1,4,5
STEP F,T,F 3	STEP F,T,F 3	STEP F,T,F 3	IN 1,4,5	IN 1,4,5	IN 1,4,5
OUT 1,5 1	OUT 1,5 1	OUT 1,5 1	OUT 1,5 0	OUT 1,5 0	OUT 1,5 0
0.153 sec	0.163 sec	0.164 sec	3.237 sec	0.237 sec	0.184 sec

IN 1,4,5	IN 1,4,5 1,4,7	IN 1,4,5 1,4,7	IN 1,4,5 1,4,7	IN 1,4,5 1,4,7
OUT 1,5 0	OUT 1,5 1,7 0	STEP F,T,F 0	STEP F,T,F F,T,F 3	STEP F,T,F F,T,F 3
0.171 sec	26.242 sec	OUT 1,5 1,7 0	OUT 1,5 1,7 1	OUT 1,5 1,7 1
		12.709 sec	5.518 sec	33.134 sec

IN 1,4,5 1,4,7	IN 1,4,5 1,4,7	IN 1,4,5 1,4,7	IN 1,4,5 1,4,7	IN 1,4,5 1,4,7
STEP F,T,F F,T,F 3	STEP F,T,F F,T,F 3	STEP F,T,F F,T,F 3	STEP F,T,F F,T,F 3	STEP F,T,F F,T,F 3
OUT 1,5 1,7 1	OUT 1,5 1,7 1	OUT 1,5 1,7 1	OUT 1,5 1,7 1	OUT 1,5 1,7 1
0.631 sec	0.188 sec	0.196 sec	0.185 sec	0.194 sec

IN 1,4,5 1,4,7	IN 1,4,5 1,4,7
STEP F,T,F F,T,F 3	STEP F,T,F F,T,F 3
OUT 1,5 1,7 1	OUT 1,5 1,7 1
26.58 sec	

GIVE UP {}

IN 1,4,5 3,6,8	IN 1,4,5 3,6,8	IN 1,4,5 3,6,8
STEP .25,1,1.25 .75,1.5,2 0	STEP 1/4,4/4,5/4 3/4,6/4,8/4 0	STEP 1/4,4/4,5/4 3/4,6/4,8/4 0
STEP T,F,T F,F,T 0	STEP .25,1,1.25 .75,1.5,2 0	STEP .25,1,1.25 .75,1.5,2 0
OUT 1,5 3,6 0	STEP T,F,T F,F,T 0	STEP T,F,T F,F,T 0
78.37 sec	OUT 1,5 3,6 0	OUT 1,5 3,6 0
	983.027 sec	7.187 sec

13e

IN 1,4,5 3,6,8	IN 1,4,5 3,6,8	IN 1,4,5 3,6,8
STEP 1/4,4/4,5/4 3/4,6/4,8/4 0	STEP -3,0,1 -1,2,4 1	STEP -3,0,1 -1,2,4 1
STEP .25,1,1.25 .75,1.5,2 0	STEP T,F,T F,F,T 0	STEP F,T,F F,F,T 1
STEP T,F,T F,F,T 0	OUT 1,5 3,6 0	OUT 1,5 3,6 1
OUT 1,5 3,6 0	51.1 sec	74.73 sec
133.023 sec		

{u'NO\_PROGRAM\_FOUND': 12,

u'FILTER\_WITHOUT\_TF': 5}

IN 1,4,5	IN 1,4,5	IN 1,4,5 8,7,6
STEP t,f,t 2	STEP 1/4,1,5/4 0	STEP t,f,t f,t,t 1
OUT 1,5 1	STEP t,f,t 2	OUT 1,5 7,6 1
13.179 sec	OUT 1,5 1	29.909 sec
	14.611 sec	

14e

{u'NO\_PROGRAM\_FOUND': 1}

IN	1,4,5	3,8,15	
OUT	1,5	3,15	0

21.688 sec

IN	1,4,5	3,8,15	6,24,23
OUT	1,5	3,15	6,23

37.024 sec

IN	1,4,5	3,8,15	6,24,23
STEP	4	8	24
OUT	1,5	3,15	6,23

26.054 sec

15e

IN	1,4,5	3,8,15	6,24,23
STEP	4	4	4
OUT	1,5	3,15	6,23

19.784 sec

IN	1,4,5	3,8,15	6,24,23
STEP	4	4	4
STEP	F	F	F
OUT	1,5	3,15	6,23

33.789 sec

IN	1,4,5	3,8,15	6,24,23	77,55,20
STEP	4	4	4	4
STEP	F	F	F	F
OUT	1,5	3,15	6,23	77,55

54.138 sec

IN	1,4,5	3,8,15	6,24,23	77,55,20
STEP	4	4	4	4
STEP	F	F	F	F
OUT	1,5	3,15	6,23	77,55

1.358 sec

IN	1,4,5	3,8,15	6,24,23	77,55,20
STEP	4	4	4	4
STEP	1	2	6	5
OUT	1,5	3,15	6,23	77,55

25.971 sec

IN	1,4,5	3,8,15	6,24,23	77,55,20
STEP	4	4	4	4
STEP	1	2	6	5
STEP	F	F	F	F
OUT	1,5	3,15	6,23	77,55

24.899 sec

IN	1,4,5	3,8,15	6,24,23	77,55,20
STEP	4	4	4	4
STEP	1	2	6	5
STEP	T	F	F	F
OUT	1,5	3,15	6,23	77,55

39.183 sec

IN	1,4,5	3,8,15	6,24,23	77,55,20
STEP	4	4	4	4
STEP	1	2	6	5
STEP	T	T	T	T
OUT	1,5	3,15	6,23	77,55

13.297 sec

GIVE UP {u'NO\_PROGRAM\_FOUND': 12, u'FILTER\_WITHOUT\_TF': 12}

IN	1,4,5	8,22,15
STEP	F,T,F	T,F,F
OUT	1,5	8

43.274 sec

IN	1,4,5	8,22,15
STEP	T,F,T	F,T,T
OUT	1,5	22,15

52.433 sec

16e

{u'FILTER\_WITHOUT\_TF': 1}

IN	1,4,5	4,8	4,6,8
OUT	1,5		6

12.992 sec

IN	1,4,5	4,8	4,6,8
STEP	F,T,F	F,F	F,T,F
OUT	1,5		6

15.442 sec

IN	1,4,5	4,8,11	4,6,8
STEP	F,T,F	F,F,T	F,T,F
OUT	1,5	11	6

20.095 sec

IN	1,4,5	4,8,11	4,6,8
STEP	T,F,T	F,F,T	F,T,F
OUT	1,5	11	6

7.587 sec

17b

{}

IN	1,4,5	3,6,8
STEP	T,F,T	T,T,F
OUT	1,5	3,6

42.241 sec

18e

{}

IN	1,4,5
STEP	F,T,F
OUT	1,5

45.78 sec

IN	1,4,5
STEP	T,F,T
OUT	1,5

5.946 sec

IN	1,4,5
STEP	T,F,T
OUT	1,5

0.455 sec

IN	1,4,5
STEP	T,F,T
OUT	1,5

0.681 sec

IN	1,4,5	6,8,12
STEP	T,F,T	T,F,F
OUT	1,5	6

46.225 sec

19b

{}

IN	1,4,5	
STEP	T,F,T	2
OUT	1,5	1

22.581 sec

IN	1,4,5,2,8,12	
STEP	T,F,T T,F,F	1
OUT	1,5 2	1

51.54 sec

20b

{}

IN	1,4,5	
OUT	1,5	0

0.0 sec

IN	1,4,5	
STEP	t,f,t	2
OUT	1,5	1

31.603 sec

IN	1,4,5,3,8,10	
STEP	t,f,t t,f,t	1
OUT	1,5 3,10	1

35.612 sec

21e

{u'FILTER\_WITHOUT\_TF': 1}

IN	1,4,5	
STEP	F,T,F	3
OUT	1,5	1

15.322 sec

IN	1,4,5	
STEP	F,T,F	3
STEP	T	0
OUT	1,5	1

7.76 sec

IN	1,4,5	
STEP	T,F,T	2
OUT	1,5	1

23.188 sec

IN	1,4,5	
STEP	T,F,T	2
STEP	T	0
OUT	1,5	1

16.058 sec

IN	1,4,5	
STEP	T,F,T	2
STEP	F	0
OUT	1,5	1

17.068 sec

IN	1,4,5	
STEP	T,F,T	2
STEP	4	1
OUT	1,5	1

8.825 sec

22b

IN	1,4,5	
STEP	F,T,F	3
STEP	4	1
OUT	1,5	1

14.706 sec

IN	1,4,5	
STEP	F,T,F	3
STEP	4	1
OUT	1,5	1

0.925 sec

IN	1,4,5	
STEP	4	0
OUT	1,5	1

15.007 sec

IN	1,4,5	
STEP		0
STEP	4	0
OUT	1,5	1

5.024 sec

IN	1,4,5	
STEP	T,F,T	2
STEP	4	1
OUT	1,5	1

8.462 sec

IN	1,4,5	
STEP	T,4,T	0
STEP	4	0
OUT	1,5	1

9.641 sec

IN	1,4,5	
STEP	T,F,T	2
STEP	4 reverse	0
OUT	1,5	1

16.24 sec

IN	1,4,5	
STEP	T,F,T	2
STEP	F	0
OUT	1,5	1

8.675 sec

IN	1,4,5	
STEP	T,F,T	2
STEP	T	0
OUT	1,5	1

14.853 sec

GIVE UP {}

IN	1,4,5,8,3,88	
STEP	t,f,t f,t,f	2
OUT	1,5 3	1

42.781 sec

IN	1,4,5,8,3,88,38	
STEP	t,f,t f,t,f,t	1
OUT	1,5 3	0

72.624 sec

IN	1,4,5,8,3,88,38	
STEP	t,f,t f,t,f,t	1
OUT	1,5 3,38	1

8.249 sec

23b

{}

IN	1,4,5,8,3,6,16	
OUT	1,5 3,6	0

49.905 sec

IN	1,4,5,8,3,6,16	
STEP	T,F,T F,T,T,F	1
OUT	1,5 3,6	1

61.245 sec

24b

{}

IN	1,4,5,2,4,8,12,9	
STEP	F,T,F F,T,T,T,F	1
OUT	1,5 2,9	1

75.625 sec

25b

{}

IN	1,4,5,12,16,15,8,25	
STEP	1,0,1 0,0,3,0,1	2
OUT	1,5 15,25	0

49.793 sec

IN	1,4,5,2,12,16,15,8,25	
STEP	1,0,1 2,0,0,3,0,1	2
STEP	T,F,T T,F,F,T,F,T	1
OUT	1,5 2,15,25	1

42.417 sec

IN	1,4,5,2,12,16,15,8,25,61	
STEP	1,0,1 2,0,0,3,0,1,1	2
STEP	T,F,T T,F,F,T,F,T,T	1
OUT	1,5 2,15,25,61	1

61.776 sec

26e

IN	1,4,5,2,12,16,15,8,25,61	
STEP	T,F,T T,F,F,T,F,T,T	1
OUT	1,5 2,15,25,61	1

4.793 sec

{u'FILTER\_WITHOUT\_TF': 1}

<b>IN</b> 1,4,5 2,4,8,12,14	<b>OUT</b> 1,5 4,8,12	0	18.988 sec
<b>IN</b> 1,4,5 2,4,8,12,14	<b>STEP</b> f,t,f f,t,t,t,f	1	12.956 sec
<b>OUT</b> 1,5 4,8,12		0	
<b>IN</b> 1,4,5 2,4,8,12,14	<b>STEP</b> f,t,f f,t,t,t,f	1	11.034 sec
<b>OUT</b> 1,5 4,8,12		0	
<b>IN</b> 1,4,5	<b>STEP</b> f,t,f	3	26.97 sec
<b>OUT</b> 1,5		1	

27e

<b>IN</b> 1,4,5 2,4,8,9	<b>STEP</b> f,t,f f,t,t,t,f	1	17.602 sec
<b>OUT</b> 1,5 4,8		0	
<b>IN</b> 1,4,5 2,4,8	<b>STEP</b> f,t,f f,t,t	1	11.989 sec
<b>OUT</b> 1,5 4,8		0	
<b>IN</b> 1,4,5 2,4,8,9	<b>STEP</b> t,f,t t,f,f,t	1	29.192 sec
<b>OUT</b> 1,5 2,9		1	
{u'FILTER_WITHOUT_TF': 5}			
<b>IN</b> 1,4,5 11, 8, 16, 7	<b>OUT</b> 1,5 11, 7	0	24.897 sec
<b>IN</b> 1,4,5 11, 8, 16, 7	<b>STEP</b> T, F, T T, F, F, T	2	18.865 sec
<b>OUT</b> 1,5 11, 7		1	
<b>IN</b> 1,4,5 11, 8, 16, 7 12, 19, 20, 6	<b>STEP</b> T, F, T T, F, F, T F, T, F, T	1	39.209 sec
<b>OUT</b> 1,5 11, 7 19, 6		1	

28e

{u'FILTER\_WITHOUT\_TF': 1}

<b>IN</b> 1,4,5 1,8,17	<b>OUT</b> 1,5 1,17	0	44.634 sec
<b>IN</b> 1,4,5 1,8,17	<b>STEP</b> T, F, T T, F, T	2	53.087 sec
<b>OUT</b> 1,5 1,17		1	
<b>IN</b> 1,4,5 2,8,17 16,5,9	<b>STEP</b> T, F, T T, F, T F, T, T	1	115.738 sec
<b>OUT</b> 1,5 1,17 5,9		0	
<b>IN</b> 1,4,5 2,8,17 16,5,9	<b>STEP</b> T, F, T T, F, T F, T, T	1	28.944 sec
<b>OUT</b> 1,5 2,17 5,9		1	

29e

{u'NO\_PROGRAM\_FOUND': 1, u'FILTER\_WITHOUT\_TF': 1}

<b>IN</b> 1,4,5	<b>STEP</b> T,F,T	2	8.159 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5		1	
<b>IN</b> 1,4,5	<b>STEP</b> T,F,T	1	114.887 sec
<b>STEP</b> T,T		1	
<b>OUT</b> 1,5		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	144.824 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	17.402 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.418 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	

30b

<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.329 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.257 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.235 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.256 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.256 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.231 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.344 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.305 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.305 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.285 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.342 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.37 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.339 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.343 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.345 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.352 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.356 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.379 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	
<b>IN</b> 1,4,5 5,1,4	<b>STEP</b> T,F,T T,T,F	2	0.744 sec
<b>STEP</b> T,T		0	
<b>OUT</b> 1,5 5,1		1	

IN	1,4,5	5,1,4	
STEP	T,F,T	T,T,F	2
STEP	T,T	T,T	0
OUT	1,5	5,1	1

0.565 sec

IN	1,4,5	5,1,4	
STEP	T,F,T	T,T,F	2
STEP	T,T	T,T	0
OUT	1,5	5,1	1

2.152 sec

IN	1,4,5	5,1,4	
STEP	T,F,T	T,T,F	2
STEP	T,T	T,T	0
OUT	1,5	5,1	1

2.128 sec

IN	1,4,5	5,1,4	
STEP	T,F,T	T,T,F	2
STEP	T,T	T,T	0
OUT	1,5	5,1	1

1.325 sec

IN	1,4,5	5,1,4	
STEP	T,F,T	T,T,F	2
STEP	T,T	T,T	0
OUT	1,5	5,1	1

0.611 sec

GIVE UP {}

**Extract prices of cars that are manufactured in 2014 or later.** task\_extract\_and\_filter

IN	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
STEP	2014,2012,2015,2013	1
STEP	T,F,T,F	1
OUT	12000, 14000	0

91.378 sec

IN	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
STEP	2014,2012,2015,2013	1
STEP	T,F,T,F	1
STEP	12000,9500,14000,10000	1
STEP	T,F,T,F	1
OUT	12000, 14000	1

626.731 sec

1e

{u'NO\_PROGRAM\_FOUND': 1}

IN	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
STEP	2014,2012,2015,2013	1
STEP	T,F,T,F	1
OUT	12000, 14000	0

32.104 sec

IN	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
STEP	2014,2012,2015,2013	1
STEP	T,F,T,F	1
STEP	12000,9500,14000,10000	1
OUT	12000, 14000	1

65.873 sec

2e

{u'NO\_PROGRAM\_FOUND': 1}

IN	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
STEP	2014,2012,2015,2013	1
STEP	T,F,T,F	1
OUT	12000, 14000	0

53.471 sec

IN	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
STEP	2014,2012,2015,2013	1
STEP	T,F,T,F	1
STEP	Civic(2014)-\$12000,Corolla(2015)-\$14000	1
OUT	12000, 14000	1

74.426 sec

3e

{u'NO\_PROGRAM\_FOUND': 1}

IN	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000	
OUT	12000, 14000	32000	0

46.874 sec

4b

IN	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000,Corolla(2016) - \$20000	
OUT	12000, 14000	32000, 20000	0

59.639 sec

IN	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000,Corolla(2016) - \$20000	
OUT	12000, 14000	32000, 20000	0

0.533 sec

IN	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000,Corolla(2016) - \$20000	
OUT	12000, 14000	32000, 20000	0

0.242 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000, Corolla(2016) - \$20000	
<b>OUT</b>	12000, 14000	32000, 20000	0
0.187 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000, Corolla(2016) - \$20000	
<b>OUT</b>	12000, 14000	32000, 20000	0
0.206 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000, Corolla(2016) - \$20000	
<b>OUT</b>	12000, 14000	32000, 20000	0
0.239 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000, Corolla(2016) - \$20000	
<b>OUT</b>	12000, 14000	32000, 20000	0
0.338 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000, Corolla(2016) - \$20000	
<b>OUT</b>	12000, 14000	32000, 20000	0
0.295 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000, Corolla(2016) - \$20000	
<b>OUT</b>	12000, 14000	32000, 20000	0
2.395 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000, Corolla(2016) - \$20000	
<b>OUT</b>	12000, 14000	32000, 20000	0
0.31 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000, Corolla(2016) - \$20000	
<b>OUT</b>	12000, 14000	32000, 20000	0
0.257 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000, Corolla(2016) - \$20000	
<b>OUT</b>	12000, 14000	32000, 20000	0
0.399 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000, Corolla(2016) - \$20000	
<b>OUT</b>	12000, 14000	32000, 20000	0
2.895 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Charger(2015)-\$32000, Corolla(2016) - \$20000	
<b>OUT</b>	12000, 14000	32000, 20000	0
131.361 sec			

GIVE UP {}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014 \$12000,2012 \$9500,2015 \$14000,2013 \$10000	0
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

234.482 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014 12000,2012 9500,2015 14000,2013 10000	0
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

18.633 sec

5b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014 12000,2012 9500,2015 14000,2013 10000	0
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

1.967 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4(2014)-12000,7(2012)-9500,7(2015)-14000,7(2013)-10000	1
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

310.058 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4(2014)12000,7(2012)9500,7(2015)14000,7(2013)10000	1
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

101.364 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4201412000,720129500,7201514000,7201310000	0
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

19.453 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4(2014)12000,7(2012)9500,7(2015)14000,7(2013)10000	1
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

11.277 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(2014)12000,(2012)9500,(2015)14000,(2013)10000	0
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

23.013 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4(2014)12000,7(2012)9500,7(2015)14000,7(2013)10000	1
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

7.186 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4 2014 12000,7 2012 9500,7 2015 14000,7 2013 10000	1
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

40.804 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4 2014 12000,7 2012 9500,7 2015 14000,7 2013 10000	1
<b>STEP</b>	412014112000,71201219500,712015114000,712013110000	0
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

73.073 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4 2014 12000,7 2012 9500,7 2015 14000,7 2013 10000	1
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

36.467 sec



<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4 2014 12000,7 2012 9500,7 2015 14000,7 2013 10000	1
<b>STEP</b>	2014 12000,2012 9500,2015 14000,2013 10000	1
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

42.939 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4 2014 12000,7 2012 9500,7 2015 14000,7 2013 10000	1
<b>STEP</b>	2014 12000,2012 9500,2015 14000,2013 10000	1
<b>OUT</b>	12000, 14000	0

87.905 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4 2014 12000,7 2012 9500,7 2015 14000,7 2013 10000	1
<b>STEP</b>	2014 12000,2012 9500,2015 14000,2013 10000	1
<b>STEP</b>	2014-12000,2012-9500,2015-14000,2013-10000	0
<b>OUT</b>	12000, 14000	0

51.599 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4 2014 12000,7 2012 9500,7 2015 14000,7 2013 10000	1
<b>STEP</b>	2014 12000,2012 9500,2015 14000,2013 10000	1
<b>STEP</b>	2014 12000,2015 14000	0
<b>OUT</b>	12000, 14000	1

45.56 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4 2014 12000,7 2012 9500,7 2015 14000,7 2013 10000	1
<b>STEP</b>	2014 12000,2012 9500,2015 14000,2013 10000	1
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	2014 12000,2015 14000	0
<b>OUT</b>	12000, 14000	1

71.234 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	4 2014 12000,7 2012 9500,7 2015 14000,7 2013 10000	1
<b>STEP</b>	2014 12000,2012 9500,2015 14000,2013 10000	1
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	T,F,T,F	1
<b>STEP</b>	2014 12000,2015 14000	1
<b>OUT</b>	12000, 14000	1

6.975 sec

}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

67.17 sec

6b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

75.116 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

2.079 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.344 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.141 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.18 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.273 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.499 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.158 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.17 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.274 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.157 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.155 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.148 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.158 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

0.148 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=> 2014)	(< 2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

3.587 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	(=>2014)	(<2014)	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

12.096 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	=>2014	<2014	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

8.567 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	=> 2014	< 2014	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

2.71 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	=> 2014	< 2014	0
<b>STEP</b>	T	F	0
<b>OUT</b>	12000, 14000	9500, 10000	0

16.425 sec

GIVE UP {}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014, 2012, 2015, 2013	1
<b>STEP</b>	T,F,T,F	1
<b>OUT</b>	12000, 14000	0

43.979 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014, 2012, 2015, 2013	1
<b>STEP</b>	T,F,T,F	1
<b>STEP</b>	12000, 9500, 14000, 10000	1
<b>OUT</b>	12000, 14000	1

16.058 sec

7e

{u'NO\_PROGRAM\_FOUND': 1}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

25.916 sec

8b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000	
<b>STEP</b>	T,F,T,F	T,T	0
<b>OUT</b>	12000, 14000	50000, 45000	0

82.262 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000	
<b>STEP</b>	T,F,T,F	T,T	0
<b>OUT</b>	12000,14000	50000,45000	0

5.739 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T	0
<b>OUT</b>	12000,14000	50000,45000	0

29.029 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

3.485 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

18.675 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

0.164 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

0.139 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

0.124 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

0.143 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

0.116 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

0.142 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

0.132 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

0.149 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

0.289 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

0.14 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

0.132 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

4.921 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Jaguar(2016)-\$50000,BMW(2015)-\$45000,KIA(2005)-\$15000	
<b>STEP</b>	T,F,T,F	T,T,F	0
<b>OUT</b>	12000,14000	50000,45000	0

68.755 sec

GIVE UP {}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Benz(2013)-\$1000Godo(2017)-\$1000Betl(2012)-\$9000	
<b>OUT</b>	12000, 14000	1000	0

62.494 sec

9b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Benz(2013)-\$1000,Godo(2017)-\$1000,Betl(2012)-\$9000	
<b>OUT</b>	12000, 14000	1000	0

9.682 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Benz(2013)-\$1000,Godo(2017)-\$1000,Betl(2012)-\$9000	
<b>OUT</b>	12000, 14000	1000	0

0.611 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Benz(2013)-\$1000,Godo(2017)-\$1000,Betl(2012)-\$9000	
<b>STEP</b>	T,F,T,F	F,T,F	0
<b>OUT</b>	12000, 14000	1000	0

26.728 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Benz(2013)-\$10000,Godo(2017)-\$1000,Betl(2012)-\$9000	
<b>STEP</b>	T,F,T,F	F,T,F	0
<b>OUT</b>	12000, 14000	1000	0

20.667 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Benz(2013)-\$10000, Godo(2017)-\$1000, Betl(2012)-\$9000	Lay(1998)-\$100, Rek(2014)-\$900	
<b>STEP</b>	T,F,T,F	F,T,F	F,T	0
<b>OUT</b>	12000, 14000	10000	900	0

74.435 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Benz(2013)-\$10000, Godo(2017)-\$1000, Betl(2012)-\$9000	Lay(1998)-\$100, Rek(2014)-\$900	
<b>STEP</b>	T,F,T,F	F,T,F	F,T	0
<b>OUT</b>	12000, 14000	10000	900	0

5.039 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Benz(2013)-\$10000, Godo(2017)-\$1000, Betl(2012)-\$9000	Lay(1998)-\$100, Reke(2014)-\$900	Rolls(2018)-10\$, Bale(2018)-\$9600, Polo(2013)-\$100	
<b>STEP</b>	T,F,T,F	F,T,F	F,T		0
<b>OUT</b>	12000, 14000	10000	900		0

63.311 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Benz(2013)-\$10000, Godo(2017)-\$1000, Betl(2012)-\$9000	Lay(1998)-\$100, Reke(2014)-\$900	Rolls(2018)-10\$, Bale(2018)-\$9600, Polo(2013)-\$100	
<b>STEP</b>	T,F,T,F	F,T,F	F,T	T,T	0
<b>OUT</b>	12000, 14000	10000	900	10,9600	0

86.455 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

26.191 sec

GIVE UP {}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	t,f,t,f	0
<b>OUT</b>	12000, 14000	0

22.137 sec

10b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	0
<b>OUT</b>	12000, 14000	1

18.597 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	0
<b>OUT</b>	12000, 14000	1

8.101 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000		<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic(2014), Corolla(2015)	0	<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	0
<b>OUT</b>	12000, 14000	0	<b>OUT</b>	12000, 14000	1
35.632 sec			6.298 sec		

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2013)-\$14000, Corolla(2014)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2014)-\$10000	0
<b>OUT</b>	12000, 14000		0
63.816 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2013)-\$14000, Corolla(2014)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2014)-\$10000	0
<b>OUT</b>	12000, 14000	12000, 9500, 10000	1
13.181 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2013)-\$14000, Corolla(2014)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2014)-\$10000	0
<b>OUT</b>	12000, 14000	12000, 9500, 10000	1
1.6 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2013)-\$14000, Corolla(2014)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2014)-\$10000	0
<b>OUT</b>	12000, 14000	12000, 9500, 10000	1
0.393 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2013)-\$14000, Corolla(2014)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2014)-\$10000	0
<b>OUT</b>	12000, 14000	12000, 9500, 10000	1
0.157 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2013)-\$14000, Corolla(2014)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2014)-\$10000	0
<b>OUT</b>	12000, 14000	12000, 9500, 10000	1
0.169 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2013)-\$14000, Corolla(2014)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2014)-\$10000	0
<b>OUT</b>	12000, 14000	12000, 9500, 10000	1
0.166 sec			



<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2013)-\$14000, Corolla(2014)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Civic(2016)-\$12000, Elantra(2017)-\$9500, Corolla(2014)-\$10000	0
<b>OUT</b>	12000, 14000	12000, 9500, 10000	1

0.159 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014, 2015	0
<b>OUT</b>	12000, 14000	0

24.024 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014, 2015	0
<b>OUT</b>	12000, 14000	0

2.093 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	0
<b>STEP</b>	t,t	0
<b>OUT</b>	12000, 14000	1

9.19 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic, Corolla	0
<b>OUT</b>	12000, 14000	0

52.422 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic(2014), Corolla(2015)	0
<b>STEP</b>		0
<b>OUT</b>	12000, 14000	0

24.989 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic(2014), Corolla(2015)	0
<b>OUT</b>	12000, 14000	0

2.116 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic(2014), Corolla(2015)	0
<b>OUT</b>	12000, 14000	0

0.735 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	0
<b>OUT</b>	12000, 14000	1

3.483 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000, Corolla(2014)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000, Corolla(2014)-\$10000	0
<b>OUT</b>	12000, 14000, 10000	1

32.048 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000, Corolla(2014)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000, Corolla(2014)-\$10000	0
<b>OUT</b>	12000, 14000, 10000	1

0.468 sec

GIVE UP {}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

23.244 sec

11e

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

13.769 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

117.274 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000,14000	0

4.729 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000,14000	0

42.808 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000,9500,14000,10000	1
<b>STEP</b>	T,F,T,F	2000
<b>OUT</b>	12000,14000	1

38.662 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000,9500,14000,10000	1
<b>STEP</b>	T,F,T,F	2000
<b>OUT</b>	12000,14000	1

1.386 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2016)-\$14000, Elantra(2011)-\$10500, Corolla(2007)-\$16000, Corolla(2018)-\$12000	
<b>STEP</b>	12000,9500,14000,10000	14000,10500,16000,12000	1
<b>STEP</b>	T,F,T,F	T,F,F,T	0
<b>OUT</b>	12000,14000	14000,12000	1

92.284 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2016)-\$14000, Elantra(2011)-\$10500, Corolla(2014)-\$16000, Corolla(2018)-\$12000	
<b>STEP</b>	12000,9500,14000,10000	14000,10500,16000,12000	1
<b>STEP</b>	T,F,T,F	T,F,T,T	1500
<b>OUT</b>	12000,14000	14000,16000,12000	1

55.727 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2016)-\$14000, Elantra(2011)-\$10500, Corolla(2014)-\$16000, Corolla(2018)-\$12000	Civic(2017)-\$14000, Elantra(2015)-\$10500, Corolla(2000)-\$16000, Corolla(2005)-\$12000	
<b>STEP</b>	12000,9500,14000,10000	14000,10500,16000,12000	14000,10500,16000,12000	1
<b>STEP</b>	T,F,T,F	T,F,T,T	T,T,F,F	0
<b>OUT</b>	12000,14000	14000,16000,12000	14000,10500	1

88.142 sec

GIVE UP {u'TF\_WITHOUT\_NUMBER': 5, u'NO\_PROGRAM\_FOUND': 7}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0

54.866 sec

12b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0

11.125 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
0.597 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
0.31 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
0.616 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
13.659 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
0.559 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
0.376 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
15.396 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
0.609 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
0.389 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
49.064 sec			
<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
0.697 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
4.563 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
0.508 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0
0.168 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>STEP</b>	T,F,T,F		0
<b>OUT</b>	12000, 14000	12000, 14000	0
15.214 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	12000, 14000	0
6.002 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	12000, 14000	0
0.686 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	12000, 14000	0
0.169 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	12000, 14000	0
0.176 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	12000, 14000	0
0.152 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	12000, 14000	0
0.145 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	12000, 14000	0

0.151 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	12000, 14000	0

0.177 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0

2.078 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0

0.687 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0

0.31 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0

0.347 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Etios(2014)-\$12000, Honda(2012)-\$9500, Toyota(2015)-\$14000, Pajero(2013)-\$10000	
<b>OUT</b>	12000, 14000	12000, 14000	0

0.41 sec

GIVE UP {}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	T,F,T,F	1
<b>OUT</b>	12000, 14000	0

57.252 sec

13e

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	T,F,T,F	1
<b>STEP</b>	12000,9500,14000,10000	1
<b>OUT</b>	12000, 14000	1

22.156 sec

{u'NO\_PROGRAM\_FOUND': 1}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	t,f,t,f	1
<b>OUT</b>	12000, 14000	0

20.466 sec

14e

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	t,f,t,f	0
<b>OUT</b>	12000, 14000	0

17.991 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	t,f,t,f	1
<b>STEP</b>	2014,2015	1
<b>OUT</b>	12000, 14000	0

118.044 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	t,f,t,f	1
<b>STEP</b>	2014,2015	1
<b>STEP</b>	\$12000,\$14000	0
<b>OUT</b>	12000, 14000	1

18.124 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	toyota(2014)-\$10000, Nissan(2015)-\$11000, hyundai(2016)-\$12000	
<b>STEP</b>	2014,2012,2015,2013	2014,2015,2016	1
<b>STEP</b>	t,f,t,f	t,t,t	1
<b>STEP</b>	2014,2015	2014,2015,2016	1
<b>OUT</b>	12000, 14000	10000, 11000, 12000	0

32.384 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	toyota(2014)-\$10000, Nissan(2015)-\$11000, hyundai(2016)-\$12000	
<b>STEP</b>	2014,2012,2015,2013	2014,2015,2016	1
<b>STEP</b>	t,f,t,f	t,t,t	1
<b>STEP</b>	2014,2015	2014,2015,2016	1
<b>OUT</b>	12000, 14000	10000, 11000, 12000	0

1.474 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	toyota(2014)-\$10000, Nissan(2015)-\$11000, hyundai(2016)-\$12000	
<b>STEP</b>	2014,2012,2015,2013	2014,2015,2016	1
<b>STEP</b>	t,f,t,f	t,t,t	1
<b>STEP</b>	2014,2015	2014,2015,2016	1
<b>OUT</b>	12000, 14000	10000, 11000, 12000	0

0.448 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	toyota(2014)-\$10000, Nissan(2015)-\$11000, hyundai(2016)-\$12000	
<b>STEP</b>	2014,2012,2015,2013	2014,2015,2016	1
<b>STEP</b>	t,f,t,f	t,t,t	1
<b>STEP</b>	2014,2015	2014,2015,2016	1
<b>OUT</b>	12000, 14000	10000, 11000, 12000	0

0.326 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	toyota(2014)-\$10000, Nissan(2015)-\$11000, hyundai(2016)-\$12000	
<b>STEP</b>	2014,2012,2015,2013	2014,2015,2016	1
<b>STEP</b>	t,f,t,f	t,t,t	1
<b>STEP</b>	2014,2015	2014,2015,2016	1
<b>OUT</b>	12000, 14000	10000, 11000, 12000	0

0.331 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	toyota(2014)-\$10000, Nissan(2015)-\$11000, hyundai(2016)-\$12000	
<b>STEP</b>	2014,2012,2015,2013	2014,2015,2016	1
<b>STEP</b>	t,f,t,f	t,t,t	1
<b>STEP</b>	(2014)-\$12000,(2015)-\$14000	(2014)-\$10000,(2015)-\$11000,(2016)-\$12000	0
<b>OUT</b>	12000, 14000	10000, 11000, 12000	1

140.828 sec

GIVE UP

{u'TF\_WITHOUT\_NUMBER': 1, u'NO\_PROGRAM\_FOUND': 10}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014	0
<b>OUT</b>	12000, 14000	0

35.452 sec

15e

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014, 2015	0
<b>OUT</b>	12000, 14000	0

13.858 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014, 2015	0
<b>OUT</b>	12000, 14000	0

1.139 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014, 2015	0
<b>OUT</b>	12000, 14000	0

3.311 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014, 2015	0
<b>STEP</b>	F	0
<b>OUT</b>	12000, 14000	0

31.764 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	9500, 10000	0
<b>STEP</b>	F	0
<b>OUT</b>	12000, 14000	0

42.895 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	9500, 10000	0
<b>STEP</b>	F	0
<b>OUT</b>	12000, 14000	0

4.119 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	9500, 10000	0
<b>STEP</b>	F	0
<b>OUT</b>	12000, 14000	0

1.418 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	9500, 10000	0
<b>STEP</b>	F	0
<b>OUT</b>	12000, 14000	0

1.188 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	9500, 10000	0
<b>STEP</b>	F	0
<b>OUT</b>	12000, 14000	0

1.254 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	9500, 10000	0
<b>STEP</b>	F	0
<b>OUT</b>	12000, 14000	0

4.013 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	9500, 10000	0
<b>STEP</b>	F	0
<b>OUT</b>	12000, 14000	0

1.302 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	9500, 10000	0
<b>STEP</b>	F	0
<b>OUT</b>	12000, 14000	0

1.212 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	9500, 10000	0
<b>STEP</b>	F	0
<b>OUT</b>	12000, 14000	0

3.154 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	9500, 10000	0
<b>STEP</b>	F	0
<b>STEP</b>	2015,2013	0
<b>OUT</b>	12000, 14000	0

62.841 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	9500, 10000	0
<b>STEP</b>	F	0
<b>STEP</b>	2015,2013	0
<b>OUT</b>	12000, 14000	0

3.207 sec

GIVE UP {u'TF\_WITHOUT\_NUMBER': 12,

u'NO\_PROGRAM\_FOUND': 34}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2009)-\$9000, Elantra(2016)-\$11000, Corolla(2012)-\$10000, Corolla(2008)-\$13000	
<b>STEP</b>	2014,2012,2015,2013	2009,2016,2012,2008	1
<b>STEP</b>	T,F,T,F	F,T,F,F	1
<b>OUT</b>	12000, 14000	11000	0

111.878 sec

16e

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2009)-\$9000, Elantra(2016)-\$11000, Corolla(2012)-\$10000, Corolla(2008)-\$13000	
<b>STEP</b>	2014,2012,2015,2013	2009,2016,2012,2008	1
<b>STEP</b>	T,F,T,F	F,T,F,F	1
<b>STEP</b>	\$12000,\$14000	\$11000	0
<b>OUT</b>	12000, 14000	11000	1

35.312 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2009)-\$9000, Elantra(2016)-\$11000, Corolla(2012)-\$10000, Corolla(2008)-\$13000	
<b>STEP</b>	2014,2012,2015,2013	2009,2016,2012,2008	1
<b>STEP</b>	T,F,T,F	F,T,F,F	1
<b>STEP</b>	Price,,Price,	,Price,,	0
<b>STEP</b>	\$12000,\$14000	\$11000	0
<b>OUT</b>	12000, 14000	11000	1

67.66 sec



<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2009)-\$9000, Elantra(2016)-\$11000, Corolla(2012)-\$10000, Corolla(2008)-\$13000	
<b>STEP</b>	2014,2012,2015,2013	2009,2016,2012,2008	1
<b>STEP</b>	\$12000,\$14000	\$11000	0
<b>OUT</b>	12000, 14000	11000	1

10.622 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2009)-\$9000, Elantra(2016)-\$11000, Corolla(2012)-\$10000, Corolla(2008)-\$13000	
<b>STEP</b>	2014,2012,2015,2013	2009,2016,2012,2008	1
<b>STEP</b>	2014,2015	2016	0
<b>STEP</b>	\$12000,\$14000	\$11000	0
<b>OUT</b>	12000, 14000	11000	1

27.621 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2009)-\$9000, Elantra(2016)-\$11000, Corolla(2012)-\$10000, Corolla(2008)-\$13000	
<b>STEP</b>	2014,2012,2015,2013	2009,2016,2012,2008	1
<b>STEP</b>	T,F,T,F	F,T,F,F	1
<b>STEP</b>	\$12000,\$14000	\$11000	0
<b>OUT</b>	12000, 14000	11000	1

15.855 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2009)-\$9000, Elantra(2016)-\$11000, Corolla(2012)-\$10000, Corolla(2008)-\$13000	
<b>STEP</b>	2014,2012,2015,2013	2009,2016,2012,2008	1
<b>STEP</b>	T,F,T,F	F,T,F,F	1
<b>STEP</b>	2014,2015	2016	1
<b>STEP</b>	\$12000,\$14000	\$11000	0
<b>OUT</b>	12000, 14000	11000	1

27.129 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2009)-\$9000, Elantra(2016)-\$11000, Corolla(2012)-\$10000, Corolla(2008)-\$13000	
<b>STEP</b>	2014,2012,2015,2013	2009,2016,2012,2008	1
<b>STEP</b>	T,F,T,F	F,T,F,F	1
<b>STEP</b>	2014,2015	2016	1
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Elantra(2016)-\$11000	1
<b>STEP</b>	\$12000,\$14000	\$11000	1
<b>OUT</b>	12000, 14000	11000	1

61.391 sec

{u'NO\_PROGRAM\_FOUND': 8, u'FILTER\_WITHOUT\_TF': 1}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	0
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

29.445 sec

17b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	T,F,T,F	1
<b>OUT</b>	12000, 14000	0

2.317 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	T,F,T,F	1
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	1
<b>OUT</b>	12000, 14000	1

24.872 sec

{

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	F(T)-\$T,F(F)-\$F,F(T)-\$T,F(F)-\$F	0
<b>OUT</b>	12000, 14000	0

89.894 sec

18e

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	5(2014)-12000,7(2012)-9500,7(2015)-1400,7(2013)-10000	0
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

130.546 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	5(2014)-12000,7(2012)-9500,7(2015)-1400,7(2013)-10000	0
<b>STEP</b>	T 12000,F 9500,T 1400,F 10000	0
<b>OUT</b>	12000, 14000	0

49.045 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	5(2014)-\$12000,7(2012)-\$9500,7(2015)-\$1400,7(2013)-\$10000	0
<b>STEP</b>	T 12000,F 9500,T 1400,F 10000	0
<b>OUT</b>	12000, 14000	0

21.555 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	5(2014)-\$12000,7(2012)-\$9500,7(2015)-\$1400,7(2013)-\$10000	0
<b>OUT</b>	12000, 14000	0

47.097 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>		0
<b>OUT</b>	12000, 14000	0

9.572 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	5(2014)-\$12000,7(2012)-\$9500,7(2015)-\$1400,7(2013)-\$10000	0
<b>OUT</b>	12000, 14000	0

81.951 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	5(2014)-\$12000,7(2012)-\$9500,7(2015)-\$1400,7(2013)-\$10000	0
<b>STEP</b>	5(T)-\$12000,7(F)-\$9500,7(T)-\$14000,7(F)-\$10000	0
<b>OUT</b>	12000, 14000	0

46.093 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	0
<b>STEP</b>	5(T)-\$12000,7(F)-\$9500,7(T)-\$14000,7(F)-\$10000	0
<b>OUT</b>	12000, 14000	0

91.389 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	0
<b>STEP</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	0
<b>STEP</b>	5(T)-\$12000, 7(F)-\$9500, 7(T)-\$14000, 7(F)-\$10000	0
<b>OUT</b>	12000, 14000	0

39.958 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic(T)-\$12000, Elantra(F)-\$9500, Corolla(T)-\$14000, Corolla(F)-\$10000	0
<b>STEP</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	0
<b>STEP</b>	5(T)-\$12000, 7(F)-\$9500, 7(T)-\$14000, 7(F)-\$10000	0
<b>OUT</b>	12000, 14000	0

19.269 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	Civic(T)-\$12000, Elantra(F)-\$9500, Corolla(T)-\$14000, Corolla(F)-\$10000	0
<b>STEP</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	0
<b>STEP</b>	5(T)-\$12000, 7(F)-\$9500, 7(T)-\$14000, 7(F)-\$10000	0
<b>OUT</b>	12000, 14000	0

37.191 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2012)-\$12000, Elantra(2014)-\$9500, Corolla(2013)-\$14000, Corolla(2015)-\$10000	
<b>STEP</b>	Civic(T)-\$12000, Elantra(F)-\$9500, Corolla(T)-\$14000, Corolla(F)-\$10000	Civic(F)-\$12000, Elantra(T)-\$9500, Corolla(F)-\$14000, Corolla(T)-\$10000	0
<b>STEP</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000		0
<b>STEP</b>	5(T)-\$12000, 7(F)-\$9500, 7(T)-\$14000, 7(F)-\$10000		0
<b>OUT</b>	12000, 14000		0

35.922 sec

GIVE UP

{u'TF\_WITHOUT\_NUMBER': 1, u'NO\_PROGRAM\_FOUND': 26, u'EMPTY\_CELL': 8, u'FILTER\_WITHOUT\_TF': 4}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>OUT</b>	12000, 14000	0

-0.002 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

17.442 sec

19b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Cruze(2015 - \$1300,	
<b>STEP</b>	T,F,T,F	T,T,F,F	0
<b>OUT</b>	12000, 14000		0

58.77 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Cruze(2015 - \$1300,	
<b>STEP</b>	T, F, T, F	T,T,F,F	0
<b>OUT</b>	12000, 14000		0

15.982 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Cruze(2015 - \$1300,	
<b>STEP</b>	T, F, T, F	T,T,F,F	0
<b>OUT</b>	12000, 14000		0

0.459 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Cruze(2015 - \$1300, other, %1300, other %1300, other %500	
<b>STEP</b>	T, F, T, F	T,T,F,F	0
<b>OUT</b>	12000, 14000	1300, 1300,	0

56.191 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Cruze(2015 - \$1300, other, %1300, other %1300, other %500	
<b>STEP</b>	T, F, T, F	T,T,F,F	0
<b>OUT</b>	12000, 14000	1300, 1300,	0

0.542 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Cruze(2015 - \$1300, other, %1300, other %1300, other %500	
<b>STEP</b>	T, F, T, F	T,T,F,F	0
<b>OUT</b>	12000, 14000	1300, 1300,	0

8.282 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Cruze(2015 - \$1300, other, %1300, other %1300, other %500	
<b>STEP</b>	T, F, T,	T,T,F,F	0
<b>OUT</b>	12000, 14000	1300, 1300,	0

4.037 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Cruze(2015 - \$1300, other, %1300, other %1300, other %500	
<b>STEP</b>	T, F, T,	T,T,F,F	0
<b>OUT</b>	12000, 14000	1300, 1300,	0

0.361 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Cruze(2015 - \$1300, other, %1300, other %1300, other %500	
<b>STEP</b>	T, F, T, F	T,T,F,F	0
<b>OUT</b>	12000, 14000	1300, 1300,	0

2.759 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Cruze(2015 - \$1300, other, %1300, other %1300, other %500	
<b>STEP</b>	T, F, T, F	T,T,F,F	0
<b>OUT</b>	12000, 14000	1300, 1300,	0

0.317 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>OUT</b>	12000, 14000	0

14.763 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>OUT</b>	12000, 14000	0

25.926 sec

GIVE UP {}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2016)-\$17000, Elantra(2014)-\$9700, Corolla(2015)-\$15000, Corolla(2012)-\$8000	
<b>STEP</b>	T,F,T,F	T,T,T,F	0
<b>OUT</b>	12000, 14000	17000, 9700, 15000	0

161.974 sec

20b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

66.814 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

4.36 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Honda(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Civic(2013)-\$10000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	12000, 14000	0

87.802 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Honda(2014)-\$11000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Civic(2013)-\$14000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	11000, 14000	0

24.576 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Honda(2014)-\$11000, Elantra(2012)-\$9500, Corolla(2015)-\$15000, Civic(2013)-\$14000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	11000, 15000	0

15.055 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Honda(2014)-\$11000, Elantra(2012)-\$9500, Corolla(2015)-\$15000, Civic(2009)-\$14000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	11000, 15000	0

33.952 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Honda(2014)-\$11000, Elantra(2012)-\$9500, Corolla(2016)-\$15000, Civic(2009)-\$14000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	11000, 15000	0

8.919 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Honda(2014)-\$11000, Elantra(2012)-\$9500, Corolla(2016)-\$15000, Civic(2009)-\$14000	
<b>STEP</b>	T,F,T,F	T,F,T,F	0
<b>OUT</b>	12000, 14000	11000, 15000	0

1.185 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Honda(2014)-\$11000, Elantra(2012)-\$9500, Corolla(2016)-\$15000, Civic(2009)-\$14000	Civic(2015)-\$12000, Elantra(2014)-\$9500, Corolla(2016)-\$14000, Corolla(2012)-\$10000	
<b>STEP</b>	T,F,T,F	T,F,T,F	T,T,T,F	0
<b>OUT</b>	12000, 14000	11000, 15000	12000, 9500, 14000	0

110.592 sec

GIVE UP {}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>OUT</b>	12000, 14000	0

19.482 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>		0
<b>OUT</b>	12000, 14000	0

116.462 sec

21e

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	t,f,t,f	0
<b>OUT</b>	12000, 14000	0

17.439 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000,9500,14000,10000	1
<b>STEP</b>	t,f,t,f	2000
<b>OUT</b>	12000, 14000	1

43.945 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	civic(2015)-15099focus(2016)-12599crv(2011)-11999corvette(1999)32000	
<b>STEP</b>	12000,9500,14000,10000	15099,12599,11999,32000	0
<b>STEP</b>	t,f,t,f	t,t,f,f	0
<b>OUT</b>	12000, 14000	15099,12599	1

341.288 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	civic(2015)-15099focus(2016)-12599crv(2011)-11999corvette(1999)32000	
<b>STEP</b>	2014,2012,2015,2013	2015,2016,2011,1999	0
<b>STEP</b>	12000,9500,14000,10000	15099,12599,11999,32000	0
<b>STEP</b>	t,f,t,f	t,t,f,f	1
<b>OUT</b>	12000, 14000	15099,12599	1

69.186 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	civic(2015)-15099focus(2016)-12599crv(2011)-11999corvette(1999)32000	
<b>STEP</b>	2014,2012,2015,2013	2015,2016,2011,1999	0
<b>STEP</b>	t,f,t,f	t,t,f,f	1
<b>STEP</b>	12000,9500,14000,10000	15099,12599,11999,32000	0
<b>STEP</b>	t,f,t,f	t,t,f,f	1
<b>OUT</b>	12000, 14000	15099,12599	1

29.226 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	civic(2015)-15099focus(2016)-12599crv(2011)-11999corvette(1999)32000	
<b>STEP</b>	2014,2012,2015,2013	2015,2016,2011,1999	0
<b>STEP</b>	t,f,t,f	t,t,f,f	1
<b>STEP</b>	12000,9500,14000,10000	15099,12599,11999,32000	0
<b>STEP</b>	t,f,t,f	t,t,f,f	1
<b>OUT</b>	12000, 14000	15099,12599	1

1.334 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	civic(2015)-15099focus(2016)-12599crv(2011)-11999corvette(1999)32000	
<b>STEP</b>	2014,2012,2015,2013	2015,2016,2011,1999	0
<b>STEP</b>	t,f,t,f	t,t,f,f	1
<b>STEP</b>	12000,9500,14000,10000	15099,12599,11999,32000	0
<b>STEP</b>	t,f,t,f	t,t,f,f	1
<b>OUT</b>	12000, 14000	15099,12599	1

36.47 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	civic(2015)-15099focus(2016)-12599crv(2011)-11999corvette(1999)32000	
<b>STEP</b>	2014,2012,2015,2013	2015,2016,2011,1999	0
<b>STEP</b>	t,f,t,f	t,t,f,f	1
<b>STEP</b>	12000,9500,14000,10000	15099,12599,11999,32000	0
<b>STEP</b>	t,f,t,f	t,t,f,f	1
<b>OUT</b>	12000, 14000	15099,12599	1

1.979 sec

GIVE UP

{u'TF\_WITHOUT\_NUMBER': 1, u'NO\_PROGRAM\_FOUND': 15, u'EMPTY\_CELL': 1}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>OUT</b>	12000, 14000	0

-0.001 sec

22b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	T,F,T,F	
<b>OUT</b>	12000, 14000		0

53.135 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	T,F,T,F		
<b>OUT</b>	12000, 14000	12000, 14000		0

36.507 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	T,F,T,F		
<b>OUT</b>	12000, 14000	12000, 14000		0

0.561 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	T,F,T,F	=2014	
<b>OUT</b>	12000, 14000	12000, 14000	2014	0

400.942 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	T,F,T,F	=2014	
<b>OUT</b>	12000, 14000	12000, 14000	2014	0

1.196 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	T,F,T,F	=2014	
<b>OUT</b>	12000, 14000	12000, 14000	2014	0

0.444 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	T,F,T,F	=2014	
<b>OUT</b>	12000, 14000	12000, 14000	2014	0

0.28 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic=T		
<b>OUT</b>	12000, 14000	12000, 14000		0

14.246 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic T		
<b>OUT</b>	12000, 14000	12000		0
13.686 sec				

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	2014		
<b>STEP</b>		T		0
<b>OUT</b>	12000, 14000	12000		0
19.953 sec				

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	2014		
<b>STEP</b>	T,F,T,F	T		0
<b>OUT</b>	12000, 14000	12000		0
20.393 sec				

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000			
<b>STEP</b>	T,F,T,F			0
<b>OUT</b>	12000, 14000			0
9.058 sec				

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0
9.199 sec		

GIVE UP {}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	t,f,t,f	0
<b>OUT</b>	12000, 14000	0
30.304 sec		

23b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	t,f,t,f	0
<b>OUT</b>	12000, 14000	0
2.577 sec		

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	t,f,t,f	0
<b>OUT</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	1
23.297 sec		

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Accord(2016)-\$16000, Sonata(1999)-\$10000, Taurus(2004)-\$9000, Focus(2016)-\$15000	
<b>STEP</b>	t,f,t,f	t,f,f,t	0
<b>OUT</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Accord(2016)-\$16000, Focus(2016)-\$15000	1
437.663 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Accord(2016)-\$16000, Sonata(1999)-\$10000, Taurus(2004)-\$9000, Focus(2016)-\$15000	
<b>STEP</b>	t,f,t,f	t,f,f,t	0
<b>OUT</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Accord(2016)-\$16000, Focus(2016)-\$15000	1
2.027 sec			



<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Accord(2016)-\$16000, Sonata(1999)-\$10000, Taurus(2004)-\$9000, Focus(2016)-\$15000	
<b>STEP</b>	t,f,t,f	t,f,f,t	0
<b>OUT</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Accord(2016)-\$16000, Focus(2016)-\$15000	1

0.141 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Accord(2016)-\$16000, Sonata(1999)-\$10000, Taurus(2004)-\$9000, Focus(2016)-\$15000	
<b>STEP</b>	t,f,t,f	t,f,f,t	0
<b>OUT</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Accord(2016)-\$16000, Focus(2016)-\$15000	1

0.138 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Accord(2016)-\$16000, Sonata(1999)-\$10000, Taurus(2004)-\$9000, Focus(2016)-\$15000	
<b>STEP</b>	t,f,t,f	t,f,f,t	0
<b>OUT</b>	\$12000, \$14000	\$16000, \$15000	0

32.237 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Accord(2016)-\$16000, Sonata(1999)-\$10000, Taurus(2004)-\$9000, Focus(2016)-\$15000	
<b>STEP</b>	t,f,t,f	t,f,f,t	0
<b>OUT</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Accord(2016)-\$16000, Focus(2016)-\$15000	1

25.637 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Accord(2016)-\$16000, Sonata(1999)-\$10000, Taurus(2004)-\$9000, Focus(2016)-\$15000	
<b>STEP</b>	2014, 2012, 2015, 2013	2016, 1999, 2004, 2016	1
<b>STEP</b>	t,f,t,f	t,f,f,t	1
<b>OUT</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Accord(2016)-\$16000, Focus(2016)-\$15000	1

39.903 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Accord(2016)-\$16000, Sonata(1999)-\$10000, Taurus(2004)-\$9000, Focus(2016)-\$15000	
<b>STEP</b>	2014, 2012, 2015, 2013	2016, 1999, 2004, 2016	1
<b>STEP</b>	t,f,t,f	t,f,f,t	1
<b>OUT</b>	\$12000, \$14000	\$16000, \$15000	0

58.249 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Accord(2016)-\$16000, Sonata(1999)-\$10000, Taurus(2004)-\$9000, Focus(2016)-\$15000	
<b>STEP</b>	2014, 2012, 2015, 2013	2016, 1999, 2004, 2016	1
<b>STEP</b>	t,f,t,f	t,f,f,t	1
<b>OUT</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	Accord(2016)-\$16000, Focus(2016)-\$15000	1

37.181 sec

GIVE UP {}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Altima(2016)-\$17000, Mustang(2014)-\$7500, Maxima(2009)-\$4000, Pinto(1979)-\$100	
<b>STEP</b>	T,F,T,F	T,T,F,F	0
<b>OUT</b>	12000, 14000	17000, 7500	0

224.399 sec

24b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Altima(2016)-\$17000, Mustang(2014)-\$7500, Maxima(2009)-\$4000, Pinto(1979)-\$100	
<b>STEP</b>	T,F,T,F	T,T,F,F	0
<b>OUT</b>	12000, 14000	17000, 7500	0

59.756 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2014)-\$10000	
<b>STEP</b>	T,F,T,F	T,F,T,T	0
<b>OUT</b>	12000, 14000	17000, 7500, 10000	0
138.347 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2014)-\$10000	
<b>STEP</b>	T,F,T,F	T,F,T,T	0
<b>OUT</b>	12000, 14000	17000, 7500, 10000	0
1.634 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2014)-\$10000	
<b>STEP</b>	2014-12000, 2012-9500, 2015-14000, 2013-10000	T,F,T,T	0
<b>OUT</b>	12000, 14000	17000, 7500, 10000	0
137.642 sec			

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>OUT</b>	12000, 14000	0
10.276 sec		

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0
20.987 sec		

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	T,F,T,F	1
<b>OUT</b>	12000, 14000	0
45.226 sec		

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	T,F,T,F	1
<b>STEP</b>	2014,1015	0
<b>STEP</b>	Civic(2014)-\$12000,Corolla(2015)-\$14000	1
<b>OUT</b>	12000, 14000	1
56.067 sec		

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	T,F,T,F	1
<b>STEP</b>	T,T	0
<b>STEP</b>	2014,1015	0
<b>STEP</b>	Civic(2014)-\$12000,Corolla(2015)-\$14000	1
<b>OUT</b>	12000, 14000	1
20.24 sec		

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	T,F,T,F	1
<b>STEP</b>	2014,2015	1
<b>STEP</b>	Civic(2014)-\$12000,Corolla(2015)-\$14000	1
<b>OUT</b>	12000, 14000	1
16.979 sec		

}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>OUT</b>	12000, 14000	0

-0.001 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>OUT</b>	12000, 14000	0

63.587 sec

25b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	T,F,T,F	1
<b>OUT</b>	12000, 14000	0

131.179 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	T,F,T,F	1
<b>STEP</b>	12000,9500,14000,10000	1
<b>OUT</b>	12000, 14000	1

25.22 sec

{ }

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2011)-\$12000, Elantra(2010)-\$9500, Corolla(2014)-\$14000, Corolla(2016)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	2011,2010,2014,2016	1
<b>STEP</b>	12000,9500,14000,10000	12000,9500,14000,10000	1
<b>STEP</b>	T,F,T,F	F,F,T,T	1
<b>OUT</b>	12000, 14000	14000,2016	0

150.923 sec

26e

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	Civic(2011)-\$12000, Elantra(2010)-\$9500, Corolla(2014)-\$14000, Corolla(2016)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	2011,2010,2014,2016	1
<b>STEP</b>	12000,9500,14000,10000	12000,9500,14000,10000	1
<b>STEP</b>	T,F,T,F	F,F,T,T	1
<b>OUT</b>	12000, 14000	14000,10000	1

21.912 sec

{u'NO\_PROGRAM\_FOUND': 1}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000,9500,14000,10000	1
<b>STEP</b>	t,f,f,t	0
<b>OUT</b>	12000, 14000	0

30.254 sec

27e

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	12000,9500,14000,10000	1
<b>STEP</b>	t,f,f,t	0
<b>OUT</b>	12000, 14000	0

34.658 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	12000,9500,14000,10000	1
<b>STEP</b>	t,f,f,t	0
<b>OUT</b>	12000, 14000	0

1.022 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000,9500,14000,10000	1
<b>STEP</b>	t,f,f,t	0
<b>OUT</b>	12000, 14000	0

60.578 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000,9500,14000,10000	1
<b>OUT</b>	12000, 14000	0

5.858 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000,9500,14000,10000	1
<b>STEP</b>	t,f,f,t	0
<b>OUT</b>	12000, 14000	0

8.566 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000,9500,14000,10000	1
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	t,f,f,t	0
<b>OUT</b>	12000, 14000	0

14.716 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000,9500,14000,10000	1
<b>STEP</b>	2014,2012,2015,2013	1
<b>OUT</b>	12000, 14000	0

28.21 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000,9500,14000,10000	1
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	t,f,f,t	0
<b>OUT</b>	12000, 14000	0

13.851 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	t,f,f,t	0
<b>OUT</b>	12000, 14000	0

2.79 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	t,f,f,t	0
<b>OUT</b>	12000, 14000	0

20.286 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	t,f,f,t	0
<b>OUT</b>	12000, 14000	0

20.179 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	t,f,f,t	0
<b>STEP</b>	12000,9500,14000,10000	1
<b>OUT</b>	12000, 14000	0

26.344 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014,2012,2015,2013	1
<b>STEP</b>	t,f,t,f	1
<b>STEP</b>	12000,9500,14000,10000	1
<b>OUT</b>	12000, 14000	1

22.869 sec

{u'TF\_WITHOUT\_NUMBER': 1, u'NO\_PROGRAM\_FOUND':

13, u'FILTER\_WITHOUT\_TF': 10}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>OUT</b>	12000, 14000	0

0.0 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>OUT</b>	12000, 14000	0

30.115 sec

28e

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	14, 12, 15, 13	1
<b>STEP</b>	T, F, T, F	1
<b>OUT</b>	12000, 14000	0

23.007 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014, 2012, 2015, 2013	1
<b>STEP</b>	T, F, T, F	1
<b>OUT</b>	12000, 14000	0

62.523 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014, 2012, 2015, 2013	1
<b>STEP</b>	T, F, T, F	1
<b>OUT</b>	12000, 14000	0

1.55 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014, 2012, 2015, 2013	1
<b>STEP</b>	T, F, T, F	1
<b>STEP</b>	Civic, Corolla	0
<b>OUT</b>	12000, 14000	0

148.206 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	2014, 2012, 2015, 2013	1
<b>STEP</b>	T, F, T, F	1
<b>STEP</b>	Civic(2014)-\$12000, Corolla(2015)-\$14000	1
<b>OUT</b>	12000, 14000	1

40.347 sec

{u'TF\_WITHOUT\_NUMBER': 1, u'NO\_PROGRAM\_FOUND':

7}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	TATA(2015)-\$17000, MARUTI(2014)-\$10000, MAHINDRA(2010)-\$15000, TATA(2012)-\$11000	
<b>STEP</b>	T, F, T, F	T, T, F, F	0
<b>OUT</b>	12000, 14000	17000, 10000	0

285.388 sec

29e

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	TATA(2015)-\$17000, MARUTI(2014)-\$10000, MAHINDRA(2010)-\$15000, TATA(2012)-\$11000	
<b>STEP</b>	2014,2012,2015,2013	2015,2014,2010,2012	1
<b>STEP</b>	T, F, T, F	T, T, F, F	1
<b>OUT</b>	12000, 14000	17000, 10000	0

73.805 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	TATA(2015)-\$17000, MARUTI(2014)-\$10000, MAHINDRA(2010)-\$15000, TATA(2012)-\$11000	
<b>STEP</b>	2014,2012,2015,2013	2015,2014,2010,2012	1
<b>STEP</b>	T, F, T, F	T, T, F, F	1
<b>STEP</b>	12000, 9500, 14000, 10000	17000, 10000, 15000, 11000	1
<b>STEP</b>	T, F, T, F	T, T, F, F	1
<b>OUT</b>	12000, 14000	17000, 10000	1

275.133 sec

{u'TF\_WITHOUT\_NUMBER': 1, u'NO\_PROGRAM\_FOUND': 2}

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

19.566 sec

30b

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

4.941 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

7.634 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.395 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.229 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.247 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.23 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.234 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.257 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.256 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.256 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.372 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.276 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.295 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.28 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.244 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.286 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.302 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.32 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.378 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.268 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.306 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.269 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.269 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.245 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.259 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.206 sec



<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.233 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.255 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.299 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.288 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.528 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.261 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.241 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.284 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.267 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.256 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.328 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.282 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.44 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.306 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.393 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.476 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.428 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.465 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.538 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.647 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.606 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.68 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.672 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.644 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

3.41 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

1.123 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.817 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

1.279 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.779 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

1.11 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

1.163 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.896 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.797 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.599 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.62 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.857 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.66 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.614 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.304 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.268 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.318 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.284 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.253 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.233 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.246 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.258 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.274 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.263 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.245 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.244 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.49 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.269 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.259 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.255 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.223 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.241 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.248 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.474 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.517 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.256 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.269 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.295 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.316 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.317 sec



<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.356 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.44 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.354 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.258 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.299 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.264 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.281 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.281 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.758 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.334 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.268 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.27 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.272 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.252 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	T, T	0
<b>OUT</b>	12000, 14000	0

0.249 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

21.665 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.82 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.403 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.233 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.246 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.245 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.243 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.244 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.269 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.258 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.465 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.275 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.263 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.257 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.257 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.246 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.295 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.304 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.34 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.234 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.243 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.236 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.243 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.258 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.247 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.303 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.256 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T,F,T,F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.269 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

9.174 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.577 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.257 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.271 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.338 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.528 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.328 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.361 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.901 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.304 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.346 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.302 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

8.538 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.253 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

2.46 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.635 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.292 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.262 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.276 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.259 sec



<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.256 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.245 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.232 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.233 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.26 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.254 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.28 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.245 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.259 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.233 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.24 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.261 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.269 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.244 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.242 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.247 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.282 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.255 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.27 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.309 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.266 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.307 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.222 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

3.77 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.275 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.273 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.263 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.272 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.234 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

7.709 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.733 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.242 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.251 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.245 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.367 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.237 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.277 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.281 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.256 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.294 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.33 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.271 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.27 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.366 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.255 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.285 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.364 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.334 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.327 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.315 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	1
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.398 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

3.201 sec



<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.239 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.293 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.416 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.258 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.391 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.307 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.612 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>STEP</b>	12000, 14,000	1
<b>OUT</b>	12000, 14000	0

0.463 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

2.421 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.23 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.246 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.281 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.245 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.245 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.221 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.231 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.27 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.268 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

20.361 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.217 sec

<b>IN</b>	Civic(2014)-\$12000, Elantra(2012)-\$9500, Corolla(2015)-\$14000, Corolla(2013)-\$10000	
<b>STEP</b>	T, F, T, F	0
<b>STEP</b>	12000, 14,000	0
<b>OUT</b>	12000, 14000	0

0.225 sec

GIVE UP {}