```
  0 a=   x, b=   x, c=x, s=   x, cout=x
100 a= 3512, b= 8814, c=0, s=   x, cout=x
102 a= 3512, b= 8814, c=0, s=   X, cout=0
103 a= 3512, b= 8814, c=0, s=   X, cout=0
105 a= 3512, b= 8814, c=0, s=   X, cout=0
107 a= 3512, b= 8814, c=0, s=   X, cout=0
109 a= 3512, b= 8814, c=0, s=   X, cout=0
111 a= 3512, b= 8814, c=0, s=   X, cout=0
113 a= 3512, b= 8814, c=0, s=   X, cout=0
115 a= 3512, b= 8814, c=0, s=12326, cout=0
200 a= 5000, b= 5000, c=0, s=12326, cout=0
202 a= 5000, b= 5000, c=0, s= 8176, cout=0
203 a= 5000, b= 5000, c=0, s=10000, cout=0
200 a=31338, b= 1547, c=0, s=12326, cout=0
202 a=31338, b= 1547, c=0, s=25489, cout=0
203 a=31338, b= 1547, c=0, s=16565, cout=0
205 a=31338, b= 1547, c=0, s=  245, cout=0
207 a=31338, b= 1547, c=0, s=32885, cout=0
300 a= 2500, b= 2500, c=0, s=32885, cout=0
302 a= 2500, b= 2500, c=0, s=64532, cout=0
303 a= 2500, b= 2500, c=0, s= 5000, cout=0
400 a= 6543, b= 9872, c=0, s= 5000, cout=0
402 a= 6543, b= 9872, c=0, s=11415, cout=0
403 a= 6543, b= 9872, c=0, s= 6159, cout=0
405 a= 6543, b= 9872, c=0, s=28735, cout=0
407 a= 6543, b= 9872, c=0, s= 8223, cout=0
409 a= 6543, b= 9872, c=0, s=   31, cout=0
411 a= 6543, b= 9872, c=0, s=16415, cout=0
500 a= 2500, b= 2500, c=0, s=16415, cout=0
502 a= 2500, b= 2500, c=0, s=32512, cout=0
503 a= 2500, b= 2500, c=0, s= 5000, cout=0
700 a= 5000, b= 5000, c=0, s= 5000, cout=0
703 a= 5000, b= 5000, c=0, s=10000, cout=0
600 a=57894, b= 4259, c=0, s= 5000, cout=0
602 a=57894, b= 4259, c=0, s=57613, cout=0
603 a=57894, b= 4259, c=0, s=55233, cout=0
605 a=57894, b= 4259, c=0, s=45769, cout=0
607 a=57894, b= 4259, c=0, s=29385, cout=0
608 a=57894, b= 4259, c=0, s=29385, cout=1
609 a=57894, b= 4259, c=0, s=62153, cout=1
610 a=57894, b= 4259, c=0, s=62153, cout=0
700 a=31338, b= 1547, c=0, s=62153, cout=0
702 a=31338, b= 1547, c=0, s=31789, cout=0
703 a=31338, b= 1547, c=0, s=30965, cout=0
705 a=31338, b= 1547, c=0, s=28789, cout=0
707 a=31338, b= 1547, c=0, s=24693, cout=0
709 a=31338, b= 1547, c=0, s=16501, cout=0
```

```
 711 a=31338, b= 1547, c=0, s=  117, cout=0
 713 a=31338, b= 1547, c=0, s=32885, cout=0
 800 a=57894, b= 4259, c=0, s=32885, cout=0
 802 a=57894, b= 4259, c=0, s= 3729, cout=1
 803 a=57894, b= 4259, c=0, s= 4809, cout=1
 805 a=57894, b= 4259, c=0, s=13001, cout=1
 807 a=57894, b= 4259, c=0, s=29385, cout=1
 809 a=57894, b= 4259, c=0, s=62153, cout=1
 810 a=57894, b= 4259, c=0, s=62153, cout=0
 900 a= 3512, b= 8814, c=0, s=62153, cout=0
 902 a= 3512, b= 8814, c=0, s=12186, cout=0
 903 a= 3512, b= 8814, c=0, s=12046, cout=0
 905 a= 3512, b= 8814, c=0, s=11814, cout=0
 907 a= 3512, b= 8814, c=0, s=11302, cout=0
 909 a= 3512, b= 8814, c=0, s=10278, cout=0
 911 a= 3512, b= 8814, c=0, s= 8230, cout=0
 913 a= 3512, b= 8814, c=0, s=12326, cout=0
1000 a= 6543, b= 9872, c=0, s=12326, cout=0
1002 a= 6543, b= 9872, c=0, s= 8431, cout=0
1003 a= 6543, b= 9872, c=0, s=   63, cout=0
1005 a= 6543, b= 9872, c=0, s=16415, cout=0
```