```
Chapter 1: Exercises
  page 31
                                                                                                                     prob 9
   prob 1
                                                   (f) 111001
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                                                                                                                                                                                                000000 (+12)+(-12)=0
    prob lo
                                                                                              (P) 110010
   (a) 0/0101
                                                                                                             110111
                  001100
                                                                                                Sol.)
   Sol.)
                                                                                                       110010 110010
           010101 010101
                                       110011
                                                                                                 -110111 001000
     - 001100
                                        (1)001001
                                                                                             ,' 111011
 100/00/
                                                                                               i) bo-75 coverflow
    i) 2(-12 = 9)
                                                                                                   11) -14 - (-9) = -5
     |ij\rangle + 2i - (+(2)) = +9
 page 32
  proh 15
(f) 0100 1000
Soli)
  i) 48 ii) 45 iii) 1000 not used
 iv) 15 v.) 12 vi) +12
  Page 33
  Chapter 1 TEST prob 4
     40001 41000
   4 1001
                                                                                       5+3= overflow
    (-4) + (-3) = (-6) + (1) = (
```

Chapter 2 : Exer dses page lol Proh2

(9)

i_s1	i_s2	i_b1	i_b2	i_r1	i_r2	o_s1	o_s2	o_b1	o_b2	o_b3
0	0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	1	1	0	0	0	0	0
0	0	0	1	0	1	0	1	0	0	1
0	0	0	1	1	0	0	0	0	1	0
0	0	0	1	1	1	0	0	0	0	0
0	0	1	0	0	0	0	1	0	1	0
0	0	1	0	0	1	0	1	0	1	0
0	0	1	0	1	0	0	0	0	1	1
0	0	1	0	1	1	0	0	0	0	0
0	0	1	1	0	0	0	1	0	1	1
0	0	1	1	0	1	0	1	0	1	1
0	0	1	1	1	0	0	0	1	0	0
0	0	1	1	1	1	0	0	0	0	0
0	1	0	0	0	0	1	0	0	0	0
0	1	0	0	0	1	1	0	0	0	0
0	1	0	0	1	0	0	1	0	0	1
0	1	0	0	1	1	0	0	0	0	0
0	1	0	1	0	0	1	0	0	0	1
0	1	0	1	0	1	1	0	0	0	1
0	1	0	1	1	0	0	1	0	1	0
0	1	0	1	1	1	0	0	0	0	0
0	1	1	0	0	0	1	0	0	1	0
0	1	1	0	0	1	1	0	0	1	0
0	1	1	0	1	0	0	1	0	1	1
0	1	1	0	1	1	0	0	0	0	0
0	1	1	1	0	0	1	0	0	1	1
0	1	1	1	0	1	1	0	0	1	1
0	1	1	1	1	0	0	1	1	0	0
0	1	1	1	1	1	0	0	0	0	0
1	0	0	0	0	1	1	1	0	0	0
1	0	0	0	0	0	1	0	0	0	1
1	0	0	0	1	1	0	0	0	0	0
1	0	0	1	0	0	1	1	0	0	1
1	0	0	1	0	1	1	0	0	0	1
1	0	0	1	1	0	1	0	0	1	0
1	0	0	1	1	1	0	0	0	0	0
1	0	1	0	0	0	1	1	0	1	0
1	0	1	0	0	1	1	0	0	1	0
1	0	1	0	1	0	1	0	0	1	1
1	0	1	0	1	1	0	0	0	0	0
1	0	1	1	0	0	1	1	0	1	1
1	0	1	1	0	1	1	0	0	1	1
1	0	1	1	1	0	1	0	1	0	0
1	0	1	1	1	1	0	0	0	0	0
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х	х	0	0	0	1	х	х	х	х	х
Х	х	0	0	1	0	х	х	Х	Х	х
Х	х	0	0	1	1	х	х	Х	Х	х
Х	Х	0	1	0	0	Х	Х	Х	Х	Х
Х	Х	0	1	0	1	Х	Х	Х	Х	Х
Х	X	0	1	1	0	X	Х	X	Х	X
X	X	0	1	1	1	X	X	X	X	X
X	X	1	0	0	0	X	X	X	X	X
X	X	1	0	1	0	X	X	X	X	X
X	X X	1	0	1	1	X	X X	X	X	X
X	X	1	1	0	0	X	X	X	X	X
X	×	1	1	0	1	×	×	X	X	X
X	X	1	1	1	0	x	x	X	X	X
X	×	1	1	1	1	X	X	X	X	X
^		· ·		<u>'</u>		^	^	^	^	^

input + i_s1, i_s2 ", strikes (0~2) + i_b1, i_b2 " halls (0~3) + i_r1, i_r2 four outcomes of ant pitch (0~3) O'a Strike 1:a foul ball 2 in ball 3 ianything else (such as a hit or a Clyout)

output)

TO-51,0-52 : Strikes (0~3) Po-61,0-62,0-63 ! balls (on4)

page 102 prob3(b) P8a;a(btc)=abtac



