```
LA Worksheet #1
                     The same of the same of the
1. int x=rand(); inly=ran();
  unsigned ux = (unsigned) x,
 a) ux>>3 == ux/8
   True
 6) given x>0 ((x225) >76) >0
 c)~x+x>=ux
    True, ~x+x 1: UMEX
 8) given x & 15 == 11
    (~ ((x>>3) & (x>>2) <<31) >=0
    X815->1ewtils. bils are 1011
    << 31 -> least sig. Lit to most
    False
 e) given ((x co) 88 (x1x co))
     x+ux <0 > interpreted as unsigned.
     False
  f) given ((x>0) & (y co) & (x+y>0))
    ((x1y)>>30)==-1 -> 11...1
    False -> == -2 is possible
2. 2) 0000
       OXFF
```