```
"" Lisp Lisp first-class functionLisp "" Lisp ""pure
""random"" random()
"" Haskell"" Haskell ""side-effect.....
Haskell:p
""Haskell
                                 Haskell IRC Haskell :p
Haskell "" Haskell """""Lisp ""
Haskell Pascal x:=1C Java x=1 Scheme (set! x 1)Common Lisp (setq x 1)""state"""" C random()
int random()
 static int seed = 0;
 seed = next random(seed);
  return seed;
seed "Static " random random() next_random(seed) seed random() seed random()
Haskell "" Haskell random "" random ""Haskell "" random Haskell random ""
random """""
"""" random()
""Haskell monad ""overloading Haskell "" monad transformer monad transformer hack
monad monad transformer
monad
    monad ""
    """monad Haskell
"" Haskell "" Lisp "" C
C ""
int f(int x) {
   int y = 0;
   int z = 0;
   y = 2 * x;
   z = y + 1;
   return z / 3;
f(x) = (2x+1)/3 y z''''''''''
```

y z*"""""""*