

```
the for I grown I for 2 grooms
                                          s sooms (Ive one
      del 'prontor (arr):
         n=len (orr)
                          assign of the second is daring or along
         print (or [o], ar [i])
      del clean (arrivac):
         1 (or [vec] == 1):
             arr[usc]=0
         [(or [vac] = 20):
           oreturn
     dy check (en):
        if (or [o]==0 and arr[i]==0):
              gienn Folse
       else
             sehm Tome
    print ("Enter the states of the soom ( o for clean; I for dirty):")
    am = []
                                                      ((i) mo) may
   for i in stonge (0,2):
        a = int (input ("Status of the snoom 1-d: " y-i))
       arri. append(a)
   Vac = 0
  while (Torue):
     print Arrani)
     if (check (arr) = = False):
          break
    dean (arri, vac)
    il (vac==0):
          vac=1
   elle:
        Vacz6
printarr (arri)
print (a Rooms are cleened!")
```

```
outprot.
   Enter the stohes of the soon (o for dean; I for darry):
   stones of the noom 0: 1
            the groom 1:1
   grows of
   Roome are deemed 1
                                        pint ["nu sicence and cleaned !"]
  Afor LA Grooms
  del prontArr (arr):
     ENTER THE STORMS (0 for cloon; I for clots in a none rot
         pm+ (210w)
 del clear (orr, x,y):
      1] arr[x][y]==1:
          or trily =0
 de check (orr):
     for grow in orr:
             gream Torus
directions = [(0,1),(1,0),(0,-1),(-1,0)] #oright,down,left, up
 print ("Enter the status of snooms (ofor clear; I for dirty):")
 om1 = []
for: in songe (2):
                                               Ill scoons are cleaned!
    for i in monge (2):
        a = int (mpus (6"stohus of snoom(8:4,8:3):"))
      srow append (a)
  on 1. opperd (now)
2, 4 20,0
nhile (The):
   prout Arr (ord)
   To not check (err 1):
           break
  clean (on1, 2, y)
```

```
obilidy = directions (d-index)
     new , new y = xtdx, ytdy
     7 0 <= new -1 < 2 and 0 <= new y < 2:
             x 1y = new -x, new -y
    elie:
          deind = (d-ind +1) 1.4
          dx, dy = directions [d-ind]
          x, y = x+dx, y+dy
   print ("All swoms one deaned;")
  authut:
  Enter the store of the moone (o forceon; I for dity):
  8 holus of sooms (0,0):1
  Sichs of no on (0,1):0
  Shows of 200m (1,0):0
 shows of soom (1,1):1
 [1.0]
 [0,1]
 [010]
 [0,1]
[0,0]
                                 "Kinter the stokus of mooras (0 for
[0,1]
[0,0]
[0,0]
               cleaned!
All swoons one
                       (E. S. 413) mode le sydis "
                                                    burg per (out)
                                              ( Not check (on))
```