code Vaccount recovery malspeakly def -in9+_ (self, a): self state = a de sock (self) feet some a self. state = "clean" n=2:10(4) gost that july groomlist = [] = stude 1/22 jos i in orange (n): a = ster (input () Enter 1000m 2 it 1 } state: ")) soomlich append (swom (a)) start - int (input (" Einter starting groom number: ") e) thetansiate whe class and take us perint (" Bejore cleaning") . Judis perint " Room It State ") jours in mange (len Carpoin List): _ s parent (1 8:97 13 At Sissom List [] ristate }) countro while country ten proportist): if I goomlest [Stornb] . state . lower () == " disty"): Proomlest [steat] is so but y as in Start = (Street + 1) 1/2 len (200 m/20t) count += 1 : destances with the :(", debe == state.+);"

perint ("Room (t State") 109 : In gange (Jen Larbomisst)): perint (1" 3 3+13 lt & moomilist [3]. state 3") Output: (1872) Enter 2000 1 state: disty 1 min Enter noom 2 state: dirty visit Enter starting room number: Before cleaning diaty After cleaning No 2K (for 4) Enter moom I state : diaty Enter goom 2 state: disty Enter nonon 3 state : dont Enter noom + State : dirty Enter starting groom number: 1

Before cleaning ("prince) asterny dates

poom state ("stote of moog") topics 1 disting
2: (disting 3 disting 3 disting 4 disting 3 disting 3 disting 3 disting 3 disting 3 disting 4 disting 4 · sughio Apren deaning 16191)
Ponm state clean prings 2 rends (+ raj) Enton econo 1 state 1 diatu

Date

```
Enter room 1 state:dirty
Enter room 2 state:clean
Enter starting room number:1
Before cleaning
Room State
1
       dirty
       clean
2
After cleaning
Room State
      clean
1
       clean
```