PNC Algorithm

17. The IF bloc

18. The keys on 2 stairs

19. The square of diamonds V2

| |< | |> | > | >> | >>> | >| |

Submit programm

Congrats, Bozok has taken all diamonds !

Robot Program
```
repeat 5 time
do  repeat 5 time
    do  go down
        if        the cell has a diamond
        do  pick up object
    go to the right
    repeat 5 time
    do  go up
```

Congrats, Bozok has taken all diamonds !

Restart

20. The 4 stairs of diamonds

| |< | |> | > | >> | >>> | >| |

Submit programm

Congratulations !

1 remaning blocs on 24 allowed.

Robot Program
```
repeat 2 time
do  forward
    if        the cell has a key
    do  pick up object
forward
repeat 4 time
do  repeat 7 time
    do  forward
        if        the cell has a key
        do  pick up object
        if        the cell has a diamond
        do  pick up object
    turn around
    repeat 7 time
    do  forward
    jump
    turn around
turn around
forward
```
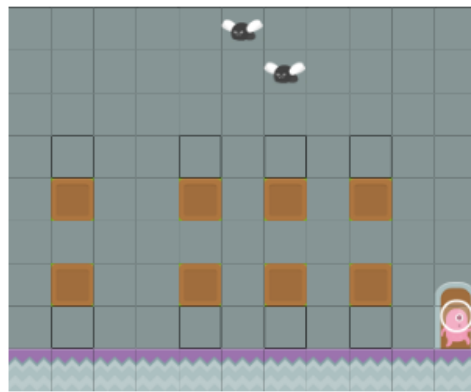
Congratulations !

Restart

Your score is now: 40 out of 40.

21. The lockers anywhere !

forward

pick up object

jump

open locker

the cell has a key

repeat 10 time
do

if
do

Robot Program
repeat 10 time
do   forward
      if   the cell has a key
      do   pick up object
            jump
            jump
            open locker

|< | |> | > | >> | >>> | >|

Submit programm

Well done !

Well done !

Restart

Your score is now: 40 out of 40.