

ALGORITMA DAN PEMROGRAMAN
INSTALASI DASAR PEMROGRAMAN



Oleh

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INFORMATIKA UNIVERSITAS MUHAMMADIYAH TAHUN 2019

Kegiatan 4

(Sebelum)

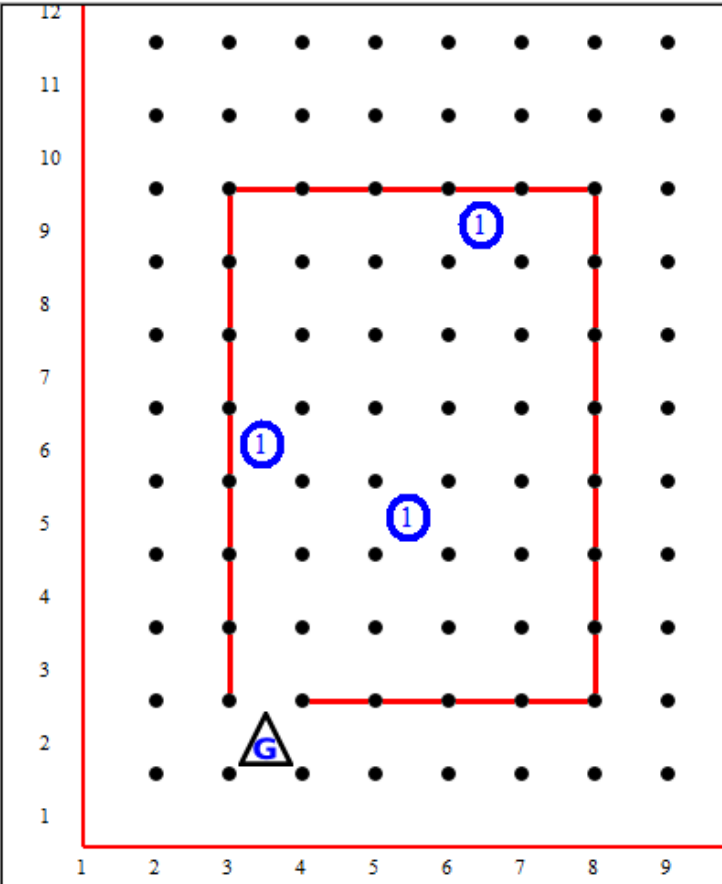
GvRng

Guido's World | Language reference | Introduction

Guido's World

GvR Setup Help

Reload Step Execute Abort



Robots position is 3 2 N and carrying 0 beepers

Code editor | World editor

File Edit

```
1 define scan:
2   while next_to_a_beeper:
3     pickbeeper
4 define r:
5   do 3:
6     turnleft
7 define mv:
8   do 4:
9     move
10    if next_to_a_beeper:
11      pickbeeper
12 define zig:
13   mv
14   r
15   move
16   r
17 define zag:
18   mv
19   turnleft
20   move
21   turnleft
22
23 do 7:
24   move
25 r
26 do 3:
27   zig
28   zag
29 mv
30 turnleft
31 turnleft
32 mv
33 turnleft
34 move
35 turnoff
```

(Sesudah)

Information

Robot turned off

Close

Execute Abort

11
10
9
8
7
6
5
4
3
2
1

1 2 3 4 5 6 7 8 9

Robots position is 3 2 S and carrying 3 beepers

Code editor World editor

File Edit

```
1 define scan:
2   while next_to_a_beeper:
3     pickbeeper
4   define r:
5     do 3:
6       turnleft
7   define mv:
8     do 4:
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17  define zag:
18    mv
19    turnleft
20    move
21    turnleft
22
23  do 7:
24    move
25  r
26  do 3:
27    zig
28    zag
29  mv
30  turnleft
31  turnleft
32  mv
33  turnleft
34  move
35  turnoff
```

