

PRAKTIKUM ALGOPRO
PERULANGAN DAN PENGAMBILAN KEPUTUSAN



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Kegiatan 1 :

GvRng

Guido's World Language reference Introduction

Guido's World

GvR Setup Help

Reload Step Execute Abort

Robots position is 3 1 N and carrying 4 beepers

Code editor World editor

File Edit

```
1 move
2 do 4:
3   do 4:
4     move
5     putbeeper
6     turnleft
7     turnleft
8     turnleft
9   do 2:
10    turnleft
11  move
12  turnoff
```

GvRng

Guido's World Language reference Introduction

Guido's World

GvR Setup Help

Reload Step Execute Abort

Robots position is 3 1 S and carrying 0 beepers

Code editor World editor

File Edit

```
1 move
2 do 4:
3   do 4:
4     move
5     putbeeper
6     turnleft
7     turnleft
8     turnleft
9   do 2:
10    turnleft
11  move
12  turnoff
```

Kegiatan 2 :

GvRng

Guido's World Language reference Introduction

Guido's World

GvR Setup Help

Reload Step Execute Abort

Robots position is 2 4 E and carrying 0 beepers

Code editor World editor

File Edit

```
1 do 3:
2 move
3 turnleft
4 do 3:
5 move
6 if next_to_a_beeper:
7 pickbeeper
8 turnleft
9 turnleft
10 do 3:
11 move
12 turnleft
13 move
14 turnoff
```

GvRng

Guido's World Language reference Introduction

Guido's World

GvR Setup Help

Reload Step Execute Abort

Robots position is 8 4 E and carrying 3 beepers

Code editor World editor

File Edit

```
1 do 3:
2 move
3 turnleft
4 do 3:
5 move
6 if next_to_a_beeper:
7 pickbeeper
8 turnleft
9 turnleft
10 do 3:
11 move
12 turnleft
13 move
14 turnoff
```

Kegiatan 3 :

GvRng

Guido's World Language reference Introduction

Guido's World

GvR Setup Help

Reload Step Execute Abort

Robots position is 2 4 E and carrying 0 beepers

Code editor World editor

File Edit

```
1 do 3:
2 move
3 turnleft
4 do 3:
5 move
6 if next_to_a_beeper:
7 pickbeeper
8 turnleft
9 turnleft
10 do 3:
11 move
12 turnleft
13 move
14 turnoff
```

GvRng

Guido's World Language reference Introduction

Guido's World

GvR Setup Help

Reload Step Execute Abort

Robots position is 8 4 E and carrying 6 beepers

Code editor World editor

File Edit

```
1 do 3:
2 move
3 turnleft
4 do 3:
5 move
6 if next_to_a_beeper:
7 pickbeeper
8 turnleft
9 turnleft
10 do 3:
11 move
12 turnleft
13 move
14 turnoff
```

Kegiatan 4 :

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 turnright:
2   turnleft
3   turnleft
4   turnleft
5 do 7:
6   move
7   if next_to_a_beeper:
8     pickbeeper
9   turnright
10 do 4:
11   move
12   if next_to_a_beeper:
13     pickbeeper
14   turnright
15 do 6:
16   move
17   if next_to_a_beeper:
18     pickbeeper
19 do 3:
20   if next_to_a_beeper:
21     pickbeeper
22 do 2:
23   turnright
24 do 2:
25   move
26   if next_to_a_beeper:
27     pickbeeper
28 do 2:
29   turnleft
30 do 2:
31   move
32 move
33 turnoff
```

GvRng

Guido's World Language reference Introduction

Guido's World

GvR Setup Help

Reload Step Execute Abort

Robots position is 3 2 S and carrying 4 beepers

Code editor World editor

```
File Edit
1 define turnright:
2   turnleft
3   turnleft
4   turnleft
5 do 7:
6   move
7   if next_to_a_beeper:
8     pickbeeper
9   turnright
10 do 4:
11   move
12   if next_to_a_beeper:
13     pickbeeper
14   turnright
15 do 6:
16   move
17   if next_to_a_beeper:
18     pickbeeper
19 do 3:
20   if next_to_a_beeper:
21     pickbeeper
22 do 2:
23   turnright
24 do 2:
25   move
26   if next_to_a_beeper:
27     pickbeeper
28 do 2:
29   turnleft
30 do 2:
31   move
32 move
33 turnoff
```

Guido's World

Language reference Introduction

Guido's World

Gr Setup Help

Reload Step Execute Abort

Robots position is 3 2 N and carrying 0 beepers

Code editor World editor

File Edit

```

1 define turnright :
2   turnleft
3   turnleft
4   turnleft
5 define gerak :
6   do 6:
7     move
8     if next_to_a_beeper :
9       pickbeeper
10    turnright
11    do 2:
12      move
13      turnright
14    do 6:
15      move
16      if next_to_a_beeper :
17        pickbeeper
18    turnright
19    move
20    turnright
21    move
22    do 3:
23      gerak
24    turnleft
25    do 3:
26      move
27    turnleft
28    move
29    turnoff

```

Guido's World

Language reference Introduction

Guido's World

Gr Setup Help

Reload Step Execute Abort

Robots position is 3 2 S and carrying 5 beepers

Code editor World editor

File Edit

```

1 define turnright :
2   turnleft
3   turnleft
4   turnleft
5 define gerak :
6   do 6:
7     move
8     if next_to_a_beeper :
9       pickbeeper
10    turnright
11    do 2:
12      move
13      turnright
14    do 6:
15      move
16      if next_to_a_beeper :
17        pickbeeper
18    turnright
19    move
20    turnright
21    move
22    do 3:
23      gerak
24    turnleft
25    do 3:
26      move
27    turnleft
28    move
29    turnoff

```