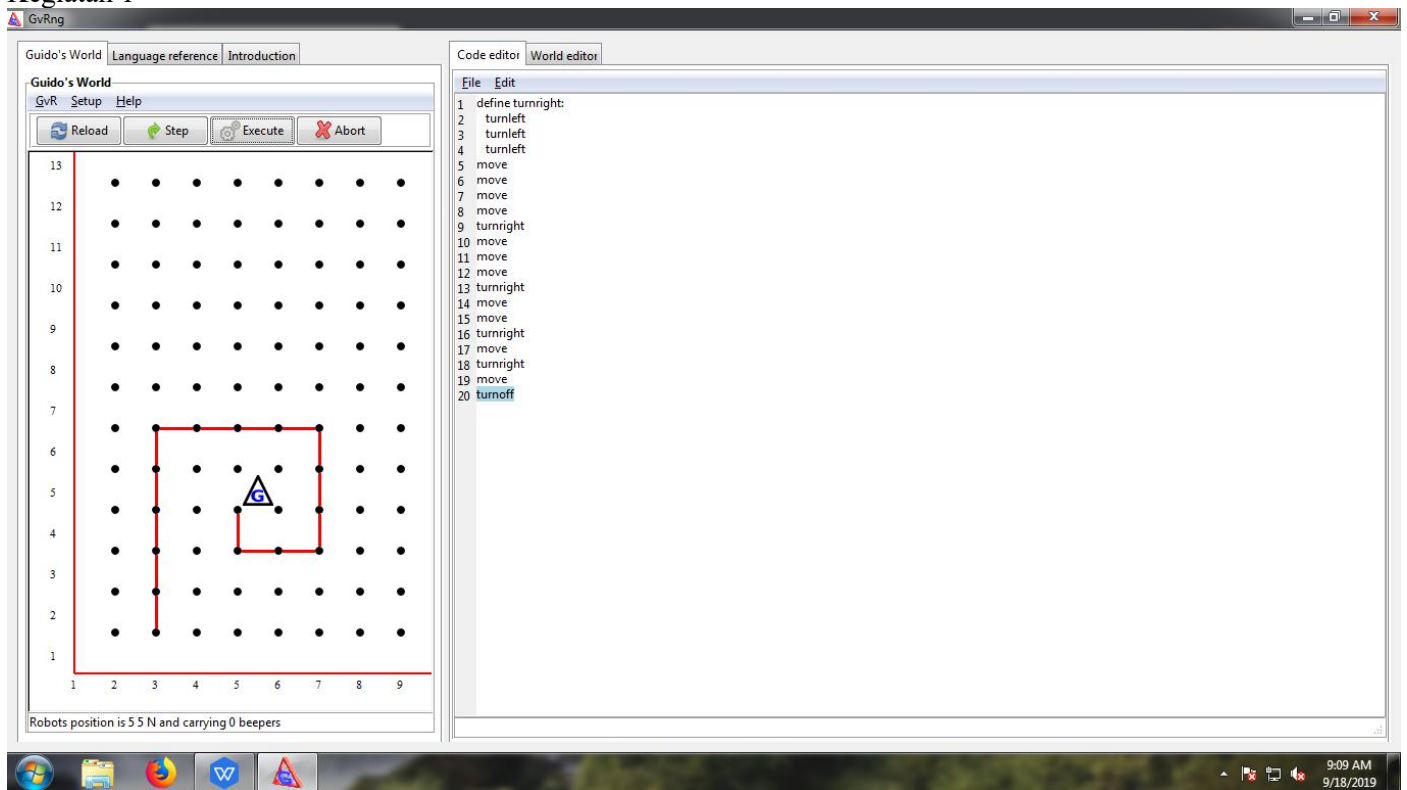


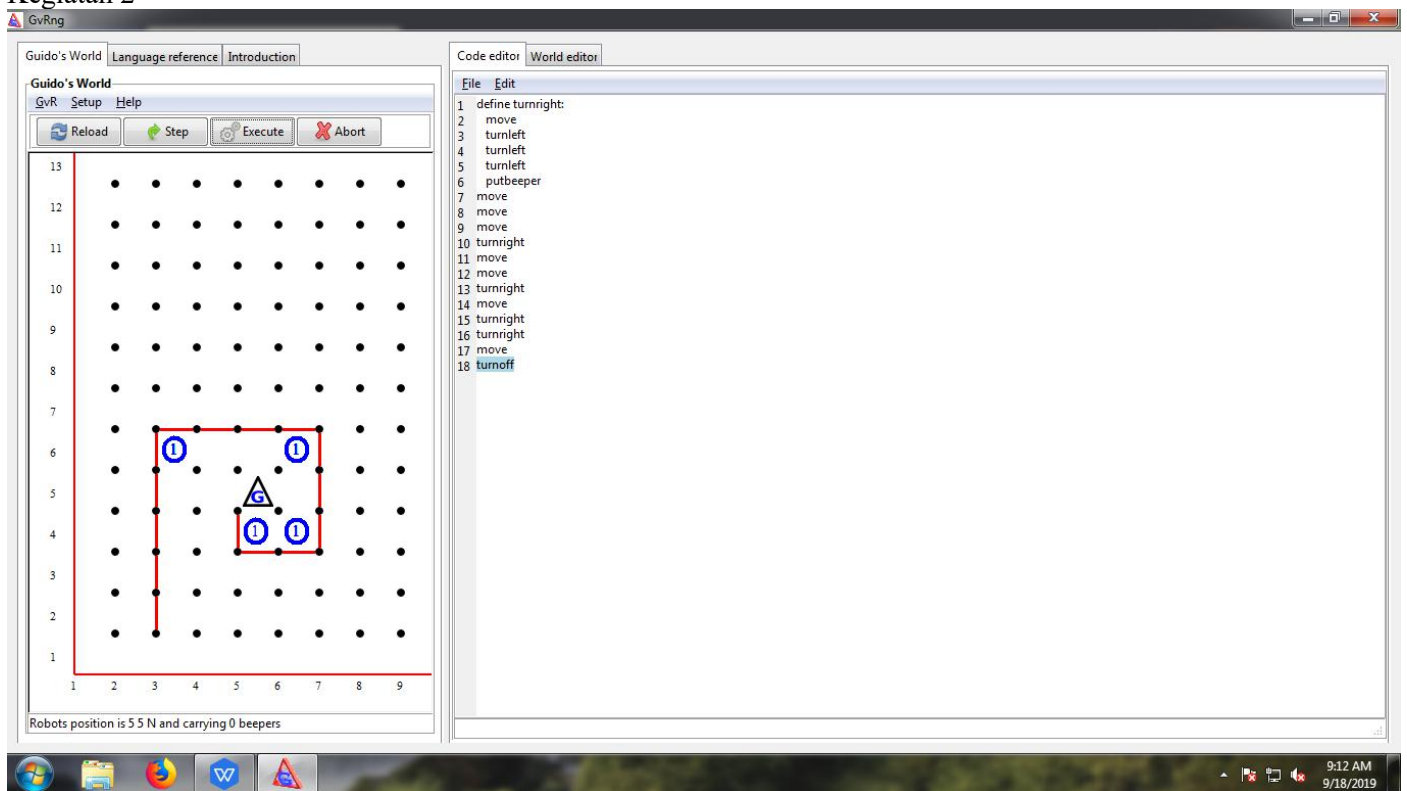
# Praktikum Algoritma dan Pemrograman

## Modul 2

### Kegiatan 1



### Kegiatan 2



### Kegiatan 3

The screenshot shows the GvRng software interface. The main window displays a 19x13 grid world. A robot, represented by a blue triangle, is positioned at (10, 2). The grid contains several beeper patterns (blue circles with '1') arranged in a complex shape. The robot's position is indicated as (10, 2) E and carrying 0 beepers. The interface includes a menu bar (File, Edit, View, Help), a toolbar (Reload, Step, Execute, Abort), and a code editor on the right side.

Code editor content (lines 39-79):

```

39 move
40 turnleft
41 move
42 move
43 turnleft
44 go
45 go
46 move
47 kanan
48 move
49 move
50 kanan
51 move
52 turnleft
53 move
54 move
55 kanan
56 move
57 move
58 kanan
59 go
60 go
61 kanan
62 go
63 go
64 kanan
65 go
66 go
67 kanan
68 go
69 go
70 go
71 go
72 kanan
73 go
74 go
75 move
76 turnleft
77 move
78 turnleft
79 move

```

### Kegiatan 4

The screenshot shows the GvRng software interface. The main window displays a 22x13 grid world. A robot, represented by a blue triangle, is positioned at (14, 1). The grid contains several beeper patterns (blue circles with '1') arranged in a complex shape. The robot's position is indicated as (14, 1) E and carrying 0 beepers. The interface includes a menu bar (File, Edit, View, Help), a toolbar (Reload, Step, Execute, Abort), and a code editor on the right side.

Code editor content (lines 63-103):

```

63 move
64 kanan
65 go
66 move
67 move
68 move
69 go
70 kanan
71 move
72 kanan
73 go
74 turnleft
75 go
76 move
77 turnleft
78 go
79 go
80 turnleft
81 move
82 move
83 go
84 kanan
85 move
86 kanan
87 go
88 go
89 go
90 go
91 go
92 kanan
93 move
94 move
95 go
96 turnleft
97 move
98 turnleft
99 go
100go
101move
102move
103turnoff

```

## Kegiatan 5

Guido's World

Language reference Introduction

GvR Setup Help

Reload Step Execute Abort

Robots position is 2 1 S and carrying 0 beepers

```

1 define go:
2   move
3   move
4   move
5   move
6   putbeeper
7   turnleft
8   turnleft
9   turnleft
10  move
11  go
12  go
13  go
14  go
15  turnleft
16  turnleft
17  move
18  turnoff
  
```

## Kegiatan 6

Guido's World

Language reference Introduction

GvR Setup Help

Reload Step Execute Abort

Robots position is 2 3 W and carrying 0 beepers

```

1 define go:
2   move
3   turnleft
4   move
5   turnleft
6   turnleft
7   putbeeper
8   move
9   turnleft
10  move
11  define kanan:
12    turnleft
13    turnleft
14    turnleft
15    move
16    go
17    move
18    go
19    move
20    go
21    kanan
22    move
23    kanan
24    go
25    move
26    go
27    move
28    go
29    move
30    turnoff
  
```