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# G52 ( )

## Summary

- G52 : Work
  - Work , Work 가
- 가

## Format

**G52 X\_Y\_Z\_**

- X, Y, Z :

**G51**

## Example

The screenshot displays a CNC emulator interface. On the left, a code editor window titled 'main.g' shows the following G-code program:

```

1 O1234
2 M98 P1000
3 G52 X20Y20
4 M98 P1000
5 G52 X40Y40
6 M98 P1000
7 M02
8
9 O1000
10 G90 F5
11 G01 X10 Y0
12 G01 X100 R10
13 G01 Y50 R10
14 G01 X0 R10
15 G01 Y0 R10
16 G01 X10
17

```

On the right, the 'Emulator' window shows a 2D coordinate system with axes labeled 'Ch 0' (horizontal) and 'Ch 1' (vertical). A red line represents the tool path. It starts at the origin (0,0), moves to (10,0), then to (100,0) with a radius of 10. From (100,0), it moves to (100,50) with a radius of 10. It then moves to (0,50) with a radius of 10, and finally to (0,0). The path is a series of connected arcs and straight lines, illustrating the effect of the G52 coordinate system change.

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