

# Programming a screen turtle

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What is a program to control a robot written in?

- ☐ English
- ☐ Computer language
- ☐ Encryption

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Which of the following is a simple computer programming language?

- ☐ LOGO
- ☐ LEGO
- ☐ LIGO

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What is a turtle?

- ☐ A fixed triangle on the screen
- ☐ A programming language
- ☐ A simulated robot controlled by computer

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In LOGO what shape would these commands draw: FD100, RT 90, FD 50, RT 90, FD 100, RT 90, FD 50, RT 90?

- ☐ Rectangle
- ☐ Square
- ☐ Parallelogram

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Jane's program to cut out a shape with a cutting tool cuts out the wrong shape. What's likely to be wrong with it?

- ☐ The wrong material has been put in the cutter
- ☐ The program code is not in the right order
- ☐ The wrong operating system has been used

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John wants to draw a letter L. The turtle is pointing towards the top of the screen. Which series of commands will draw the shape?

- ☐ BACK 100 LEFT 90 FORWARD 50
- ☐ BACK 100 RIGHT 90 FORWARD 50
- ☐ RIGHT 180 FORWARD 100 RIGHT 90 FORWARD 50

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What could you use to simplify the code to draw a square?

- ☐ Encryption
- ☐ An instruction
- ☐ A repeat command

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Which of these commands is NOT a valid LOGO command?

- ☐ FORWARD
- ☐ BAKWARD
- ☐ BK



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What will happen if you do not put a space between words in your commands (eg "FORWARD50")?

- ☐ It won't work
- ☐ It will work regardless of there being a space or not
- ☐ It will work but the turtle will only move forward 5 places and not 50