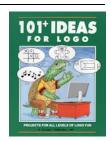
"Turtle Tuesday" Logo Challenges

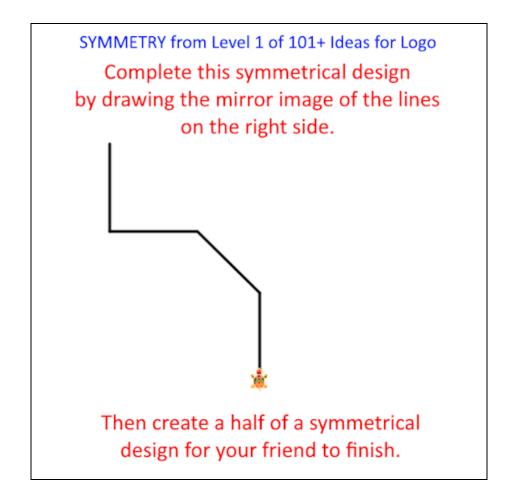
These September Challenges are from 101+ Ideas for Logo, which comes for free with every Logo license.



September 3, 2024

Challenge No. 101

for Logo, Kinderlogo, Pro-Bot, and InO-Bot users



Our solution:

The draw the entire design:

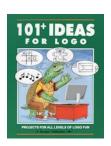
FD 90	FD 90 LT 45
RT 45	FD 90 LT 45
FD 90	FD 90 RT 90
RT 45	FD 90
FD 90	PU HOME PD
LT 90	FD 90 RT 45
FD 90	FD 90 RT 45
	FD 90 LT 90
	FD 90

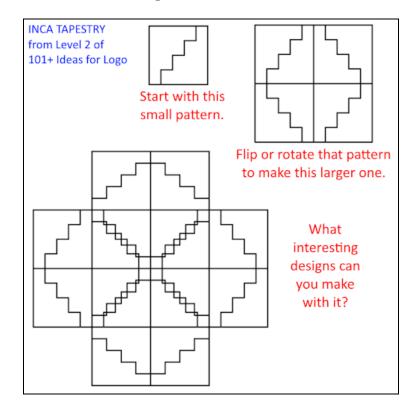
To complete the design:

September 10, 2024

Challenge No. 102

for Logo and InO-Bot users





Our solution:

SETW 2
REPEAT 4 [FD 100 RT 90]
RT 90 FD 20 LT 90
REPEAT 4 [FD 25 RT 90 FD 20 LT 90]
END

TO INCA2
SETW 2
REPEAT 4 [FD 100 LT 90]
LT 90 FD 20 RT 90
REPEAT 4 [FD 25 LT 90 FD 20 RT 90]
END

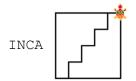
TO INCA

TO DESIGN
INCA
RT 180 INCA2
PU RT 90 FD 100 LT 90 FD 100 PD
LT 180 INCA
LT 90 FD 100 RT 90 BK 100
INCA2
END
TO FANCY.DESIGN
DRAW SETW 2

DRAW FANCY.DESIGN

END

REPEAT 4 [DESIGN RT 90]

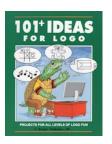


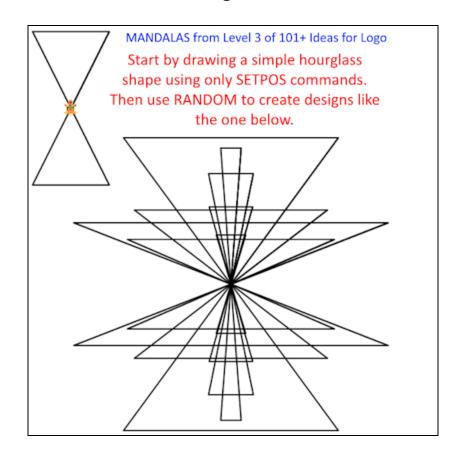


September 17, 2024

Challenge No. 103

for Logo Users





Our solution:

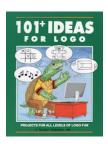
```
TO MANDALA: A:B
SETPOS LIST: A:B
SETPOS LIST: A-:B
SETPOS LIST: A-:B
SETPOS LIST-:A:B
SETPOS LIST: A:B
SETPOS [0 0]
END
```

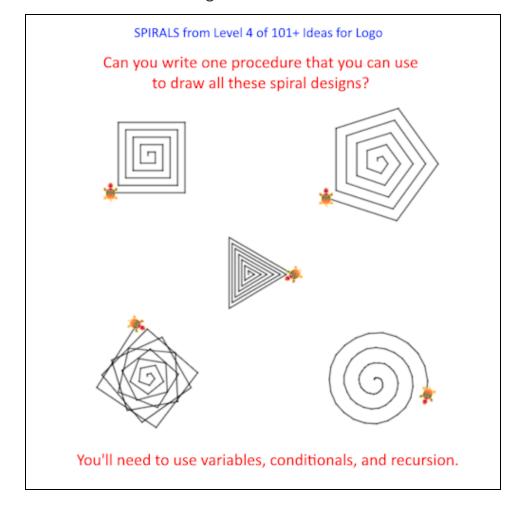
DRAW SETW 2 REPEAT 8 [MANDALA RANDOM 250 RANDOM 250]

September 24, 2024

Challenge No. 104

for Logo and InO-Bot users





Our solutions — Play with the inputs to SPIRAL to get different spiral designs!

A simple version with variables for the distance, turn, and ending value for the conditional:

```
TO SPIRAL :SIZE :TURN :END
IF :SIZE > :END THEN STOP
FD :SIZE
RT :TURN
SPIRAL :SIZE + 15 :TURN :END
END
DRAW SPIRAL 15 120 300
```

This version adds variables for how much to add to the distance and turn each time:

```
TO SPIRAL :SIZE :TURN :SIZEINC :TURNINC :END

IF :SIZE > :END THEN STOP

FD :SIZE RT :TURN

SPIRAL :SIZE + :SIZEINC :TURN+:TURNINC :SIZEINC :TURNINC :END

END

DRAW SPIRAL 15 120 15 0 300
```