

# “Turtle Tuesday” Logo Challenges

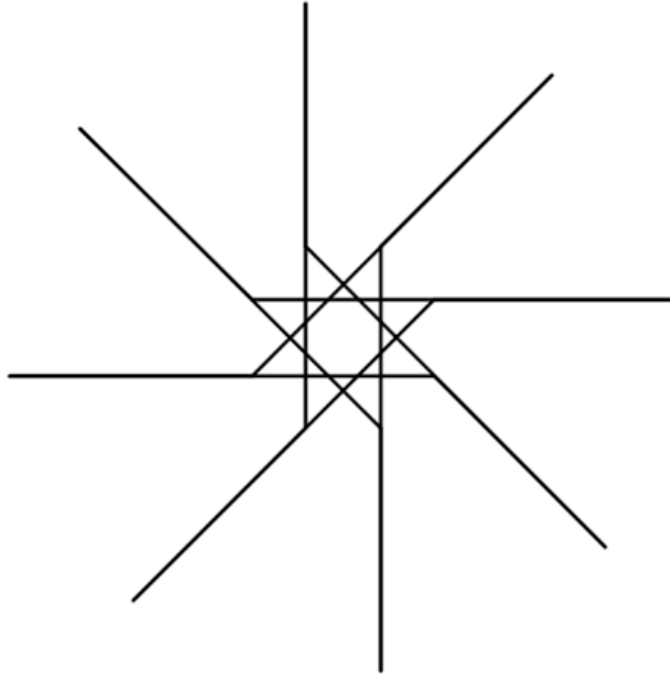
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June 4, 2024

## Challenge No. 88

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

Can you draw this design in Logo?



Our solution:

```
REPEAT 8 [FD 350 BK 200 RT 135]
```

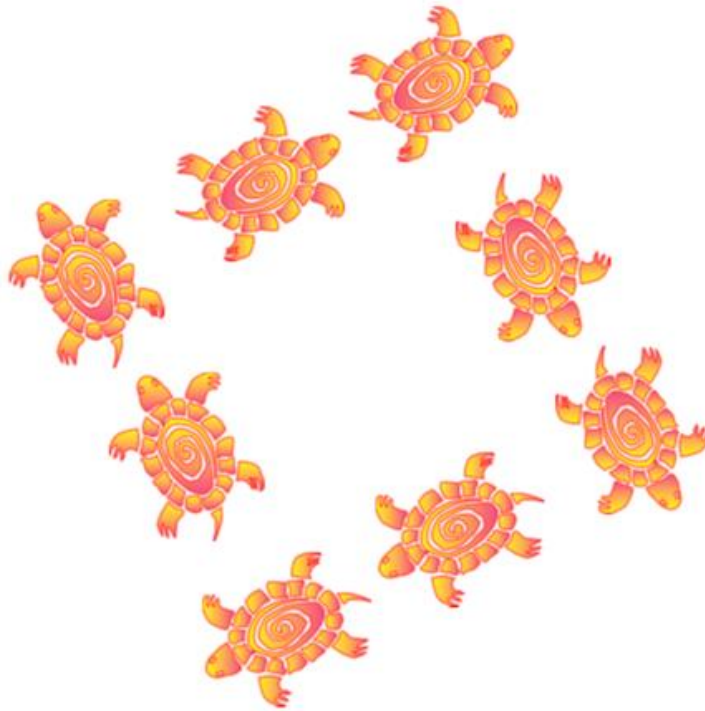
**June 11, 2024**

## **Challenge No. 89**

for Logo users

Can you create this design with a turtle shape from the Toolbox?

Tip: STAMP might come in handy.



**Our solution:**

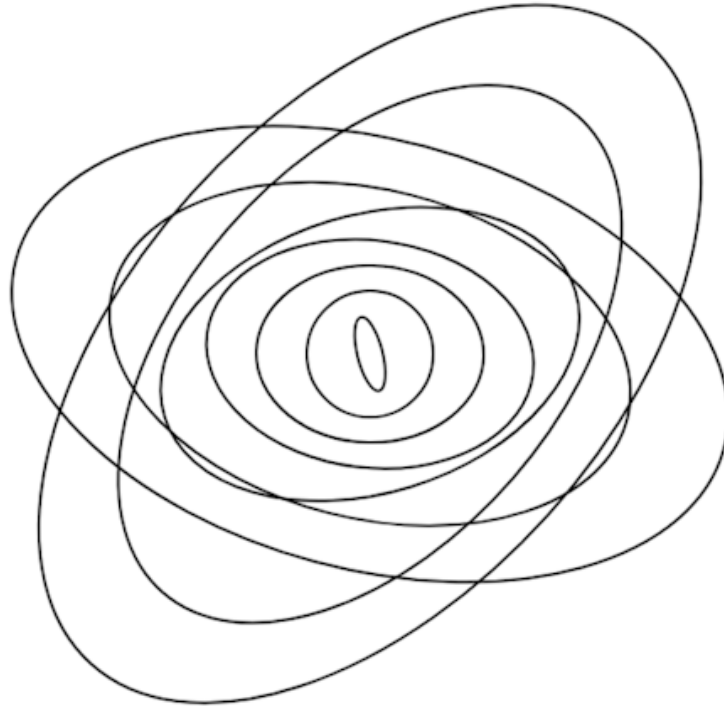
```
TELL 0 SETSHAPE "~HOME/TOOLBOX/ANIMALS/TURTLE.PNG  
SETH 60  
REPEAT 4 [PU FD 150 PD STAMP PU FD 150 PD STAMP RT 90] HT
```

**June 18, 2024**

## **Challenge No. 90**

for Logo users

Can you draw this design?  
Tip: STAMPOVAL might come in handy.



**Our solution:**

```
TO OVALS :HEIGHT :WIDTH
IF :HEIGHT > 200 THEN STOP
(STAMPOVAL :HEIGHT :WIDTH "FALSE HEADING + (25 + RANDOM 90))
OVALS :HEIGHT + 20 :WIDTH + 40
END
```

```
OVALS 30 10 HT
```

June 25, 2024

## Challenge No. 91

for Logo users

Can you create a clock with the current time?  
It should update every second!

**2:16:40**

Our solution:

```
TO TIMER
DRAW HT PU SETPOS [-200 200] PD
SHOWTIME
END
```

```
TO SHOWTIME
(SETFONT "TIMES 200 1)
MAKE "HOURS ITEM 1 TIME
IF :HOURS > 12 THEN MAKE "HOURS :HOURS - 12
MAKE "MINUTES ITEM 2 TIME
IF :MINUTES < 10 [MAKE "MINUTES FPUT "0 :MINUTES]
MAKE "SECONDS ITEM 3 TIME
IF :SECONDS < 10 [MAKE "SECONDS FPUT "0 :SECONDS]
MAKE "NOW (SE :HOURS :MINUTES :SECONDS)
MAKE "NOW JOIN :NOW "
TT :NOW
WAIT 900
CS PU SETPOS [-200 200] PD
SHOWTIME
END
```

```
TIMER
```