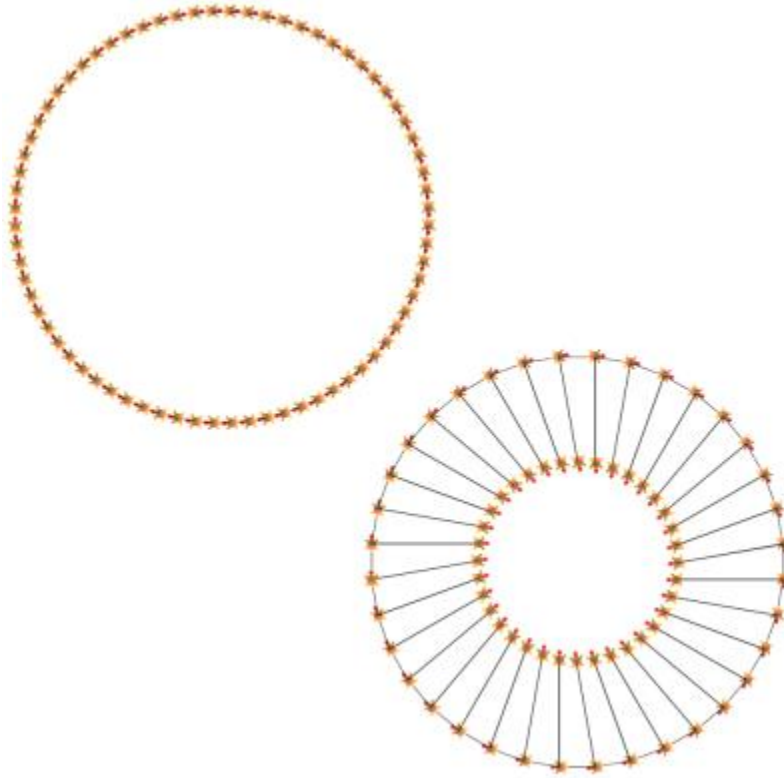


“Turtle Tuesday” Logo Challenges

January 3, 2023

Challenge No. 14



Can you design a ring of turtles in Logo?

Our solutions:

Upper Ring:

```
DRAW PU LT 90 FD 300 RT 90 PD  
REPEAT 72 [FD 25 (STAMP) RT 5]
```

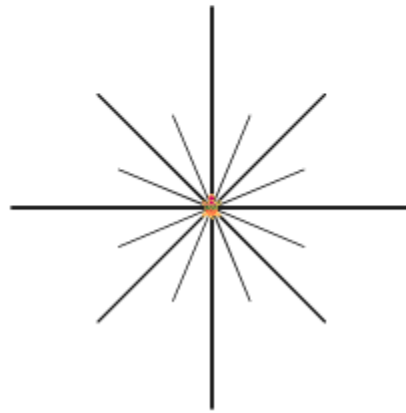
Lower Ring:

```
DRAW PU LT 90 FD 300 RT 90 PD  
REPEAT 36 [FD 50 (STAMP) RT 90 FD 150 (STAMP) BK 150 LT 90 RT 10]
```

January 10, 2023

Challenge No. 15

Can you design one of stars in Logo?



Our solutions:

Star 1: RT 18 REPEAT 5 [FD 250 RT 144]

Star 2: RT 18 REPEAT 5 [FD 100 LT 72 FD 100 RT 144]

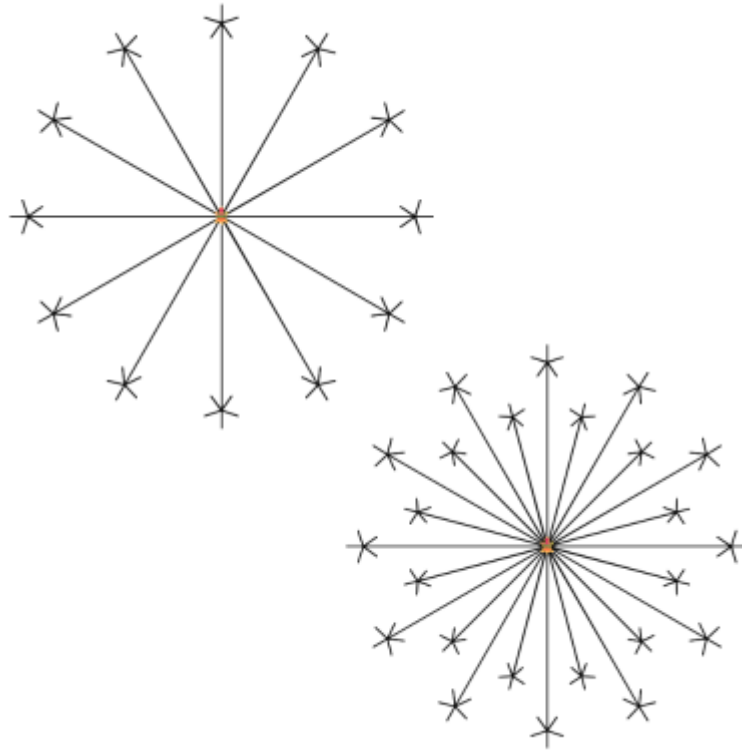
Star 3: RT 18 REPEAT 12 [REPEAT 4 [FD 35 PU FD 35 PD]
FD 35 REPEAT 5 [FD 15 BK 15 RT 72] RT 144]

Star 4: SETWIDTH 3 REPEAT 4 [FD 200 BK 200 RT 90]
SETWIDTH 2 REPEAT 8 [FD 160 BK 160 RT 45]
SETWIDTH 1 REPEAT 16 [FD 100 BK 100 RT 22.5]

January 17, 2023

Challenge No. 16

Can you design one of snowflakes in Logo?



Our solutions:

Snowflake 1

```
REPEAT 12 [FD 275 REPEAT 5 [FD 30 BK 30 RT 72] BK 275 RT 30]
```

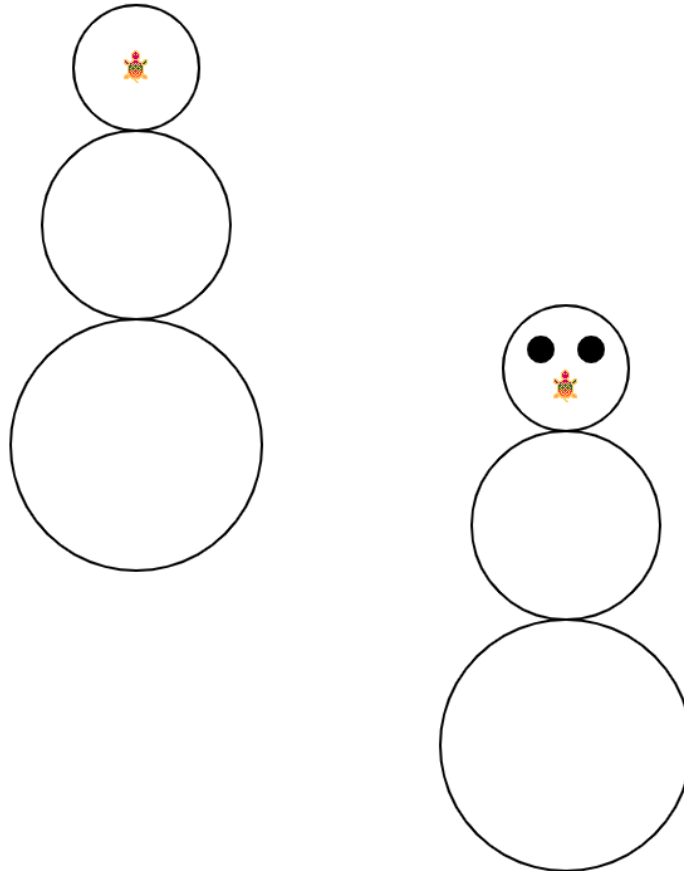
Snowflake 2: Add this extra code!

```
RT 15 REPEAT 12 [FD 200 REPEAT 5 [FD 20 BK 20 RT 72] BK 200 RT 30]
```

January 24, 2023

Challenge No. 17

Can you design a snowman in Logo?



Our solution:

```
TO SNOWMAN
PU BK 100 PD
SETWIDTH 2
STAMPOVAL 100 100
PU FD 175 PD
STAMPOVAL 75 75
PU FD 125 PD
STAMPOVAL 50 50
PU SETPOS [20 215] PD
(STAMPOVAL 10 10 "TRUE)
PU SETPOS [-20 215] PD
(STAMPOVAL 10 10 "TRUE)
PU SETPOS [0 185] PD
END
```

January 31, 2023

Challenge No. 18

Can you design this calendar in Logo?

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY

Our solution:

```
TO CALENDAR
DRAW PU SETPOS [-400 300] PD SETPC "BLUE
REPEAT 7 [REPEAT 2 [FD 32 RT 90 FD 125 RT 90] RT 90 FD 125 LT 90]
PU SETPOS [-400 300] PD SETH 90
REPEAT 5 [REPEAT 7 [REPEAT 4 [FD 125 RT 90] FD 125] BK 875 RT 90 FD 125 LT 90]
SETH 0
PU SETPOS [-375 320] PD TURTLETEXT "SUNDAY
PU SETPOS [-250 320] PD TURTLETEXT "MONDAY
PU SETPOS [-125 320] PD TURTLETEXT "TUESDAY
PU SETPOS [0 320] PD TURTLETEXT "WEDNESDAY
PU SETPOS [125 320] PD TURTLETEXT "THURSDAY
PU SETPOS [250 320] PD TURTLETEXT "FRIDAY
PU SETPOS [375 320] PD TURTLETEXT "SATURDAY
END
```