

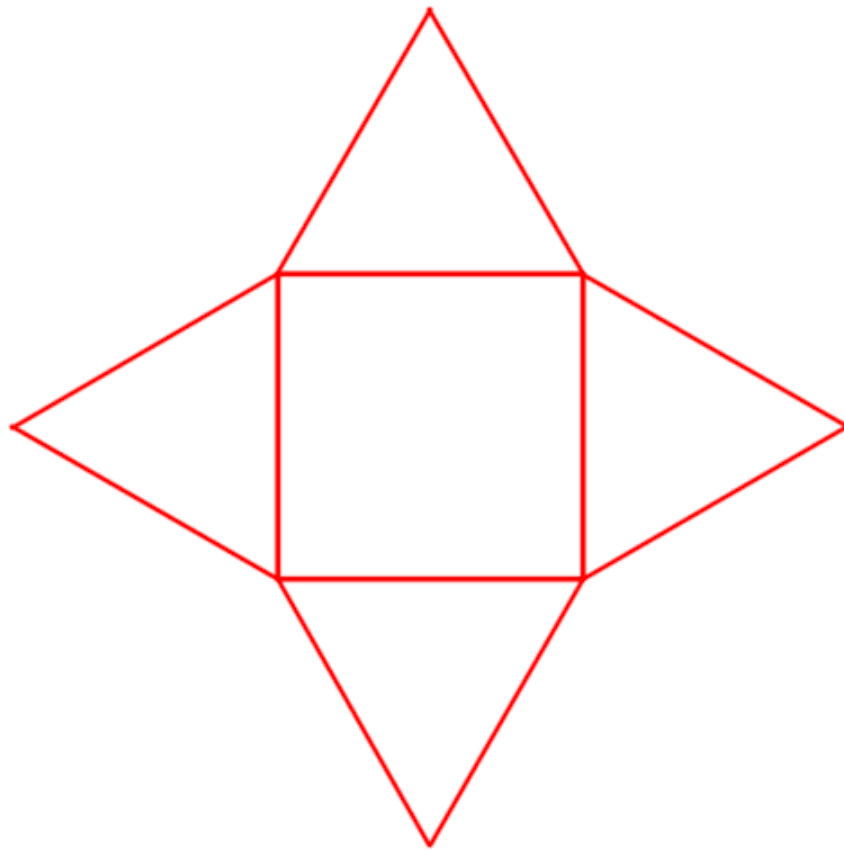
“Turtle Tuesday” Logo Challenges

November 7, 2023

Challenge No. 58

Can you draw this design in Logo?
Or with Pro-Bot or using *Kinderlogo*?

For a challenge, can you write a program to draw it in any size?



Our solution:

```
DRAW SETPC 3 SETPC "RED PU BK 100 PD  
REPEAT 4 [FD 200 RT 90 REPEAT 3 [FD 200 LT 120]]
```

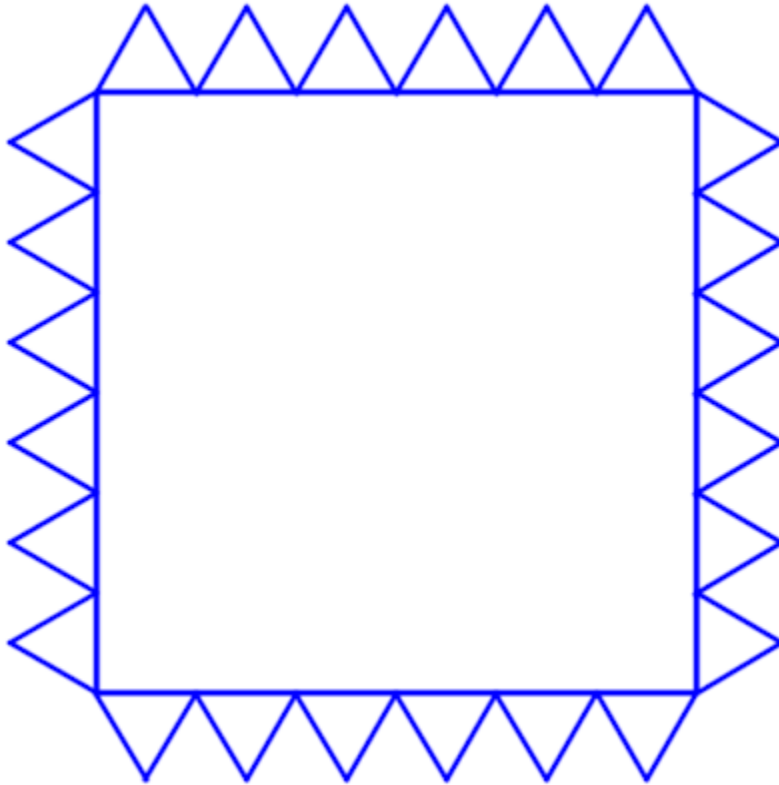
To draw it in any size:

```
TO DESIGN :INPUT  
REPEAT 4 [FD :INPUT RT 90 REPEAT 3 [FD :INPUT LT 120]]  
END
```

November 14, 2023

Challenge No. 59

Can you draw this design in Logo?



Our solution:

```
DRAW SETPC 3 SETPC "BLUE  
TRIDESIGN
```

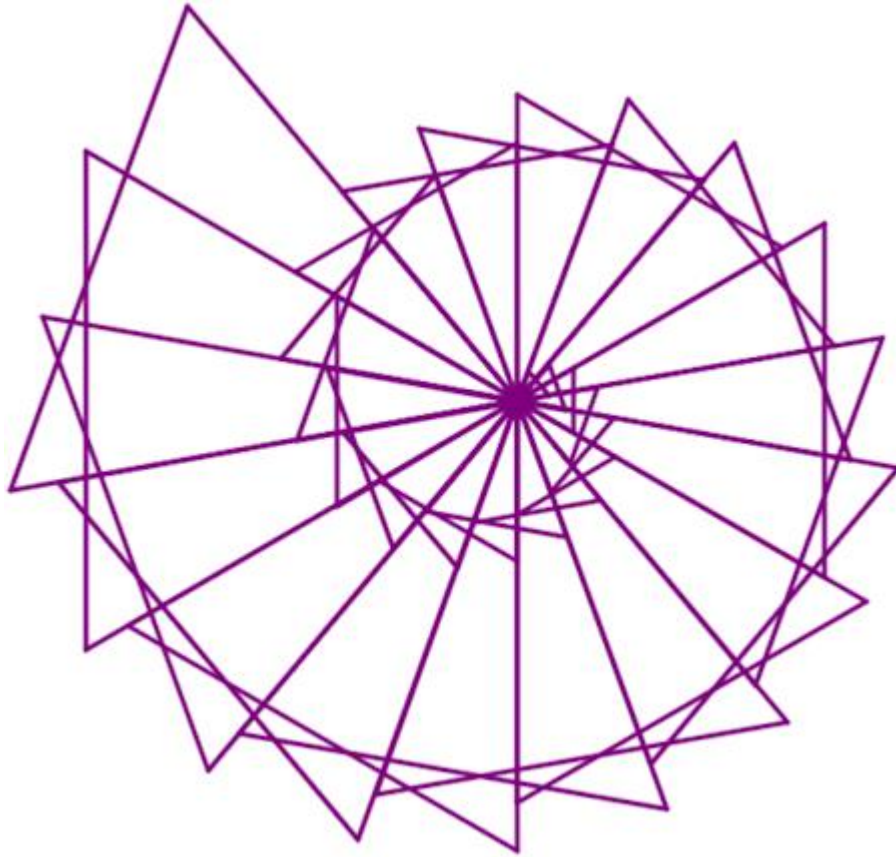
```
TO TRIANGLE  
RT 30 REPEAT 3 [FD 60 RT 120] LT 30  
END
```

```
TO TRIDESIGN  
DRAW SETWIDTH 2 PU FD 200 PD  
REPEAT 4 [REPEAT 6 [TRIANGLE RT 90 FD 60 LT 90] RT 90]  
END
```

November 21, 2023

Challenge No. 60

Can you draw this design in Logo?



Our solution:

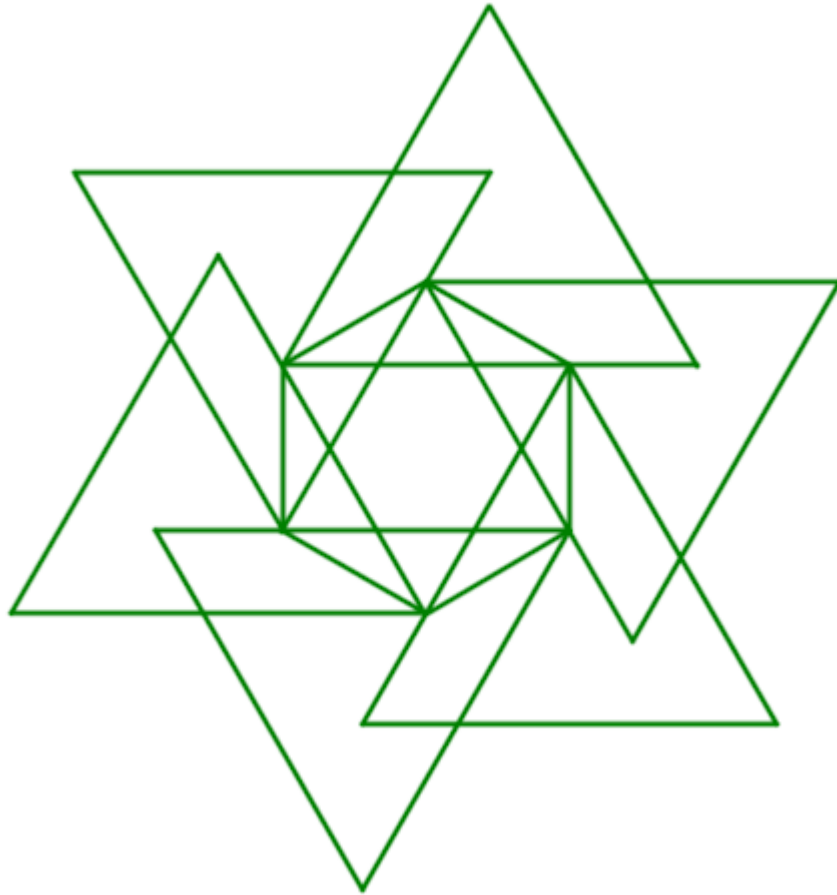
```
TO TRISPIRAL :SIZE
IF :SIZE > 325 [STOP]
REPEAT 3 [FD :SIZE RT 120]
RT 20
TRISPIRAL :SIZE + 10
END
```

```
DRAW SETW 3 SETPC "PURPLE
TRISPIRAL 10
```

November 28, 2023

Challenge No. 61

Can you draw this design in Logo?



```
DRAW SETW 3 SETPC "GREEN  
REPEAT 6 [TRI 250 RT 60 FD 100]
```

```
TO TRI :SIZE  
RT 30  
REPEAT 3 [FD :SIZE RT 120]  
LT 30  
END
```