

# “Turtle Tuesday” Logo Challenges

---

## Let’s Build Some Towers!

All challenges can be done using either Logo or the new free Logo Blocks program.

Go to Logo Blocks here: <https://logoblocks.terrapinlogo.com>

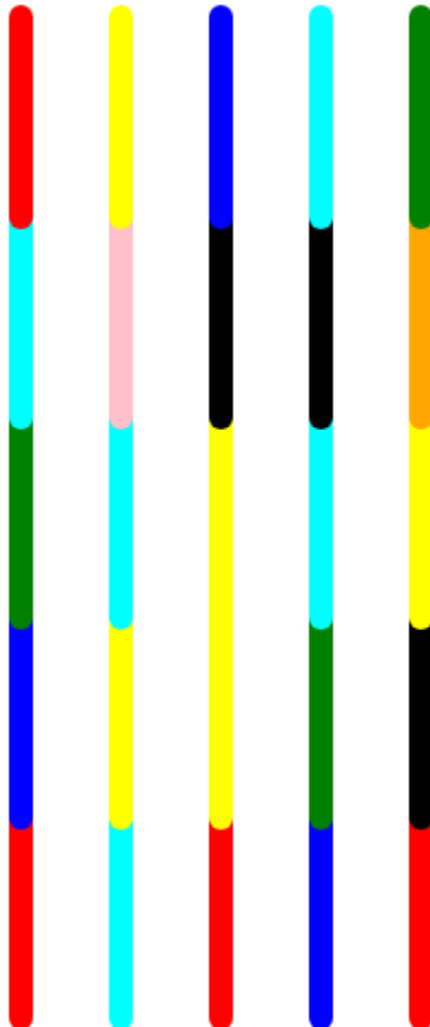
When designing a building block for your tower, it is best to start and end the shape in the same place. That way you know where your shape always starts and ends.

**May 5, 2026**

### Challenge No. 175

For Logo Blocks (Intermediate and Advanced Mode) and Logo users

Can you build this tower of colorful straws? (In Logo, anything is possible!)

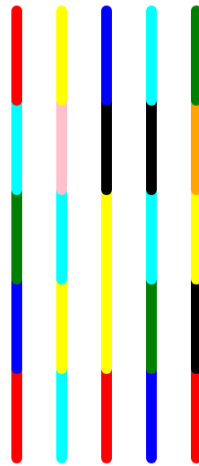


Our solutions are on the next page.

## Logo Blocks Code Solution

```

clear the drawing
pen up
move the turtle back 280
pen down
set pen width to 12 pixels
  
```



## Logo Code Solution

```

CS
PENUP
BACK 280
PENDOWN
SETWIDTH 12

TO STRAWS
  REPEAT 5 [
    SETPC PICK [YELLOW
RED BLUE GREEN ORANGE
PINK BLACK CYAN]
    FORWARD 100
  ]
END

REPEAT 5 [
  STRAWS
  PENUP
  BACK 500
  RIGHT 90
  FORWARD 50
  LEFT 90
  PENDOWN
]
  
```

```

To STRAWS with 0 inputs:
  repeat 5 times See note below.
    set pen color to Pick an item from YELLOW RED
    (use spaces to separate words)
    move the turtle forward 100
  
```

```

repeat 5 times
  call STRAWS
  pen up
  move the turtle back 500
  turn the turtle right 90°
  move the turtle forward 50
  turn the turtle left 90°
  pen down
  
```

Type the names of any colors you want to pick from in the 'set pen color to' list, like this:

```

To STRAWS with 0 inputs:
  repeat 5 times
    set pen color to Pick an item from YELLOW RED BLUE GREEN ORANGE PINK BLACK CYAN
    (use spaces to separate words)
    move the turtle forward 120
  
```

The 'set pen color to' block is in the **Input** section of Advanced Mode.

Or, if you wish to stay in Intermediate Mode, you can use these blocks in the **Draw** section.

```

set pen color to random color
  
```

That Logo code looks like this: SETPC PICK COLORS