



Tutorial

CPSC 217

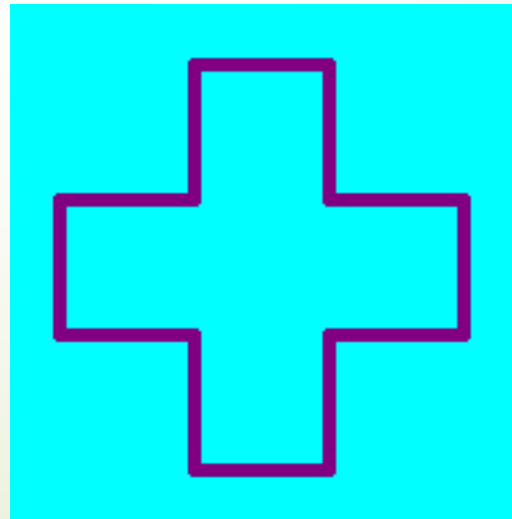


Hello....

- Download [week_3_tut_1.pdf](#), [week3_tut1_codes.zip](#) and from my website.

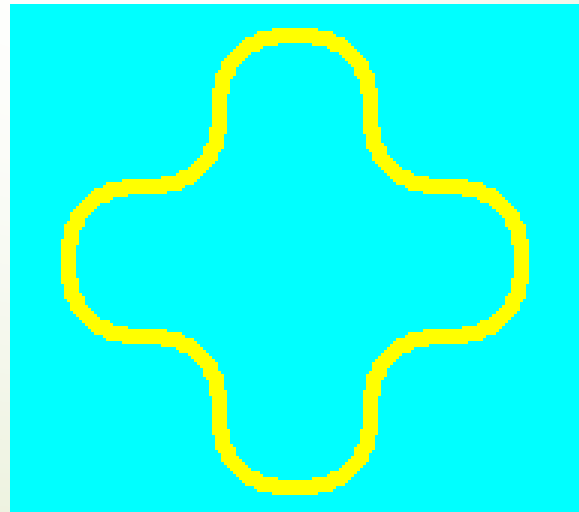
Line

- ▶ How many points needed to draw the following shape using line?
 - ▶ 13 points
 - ▶ Can you do it with polygon. (Answer is YES)
 - ▶ Then what are the differences between line and polygon?

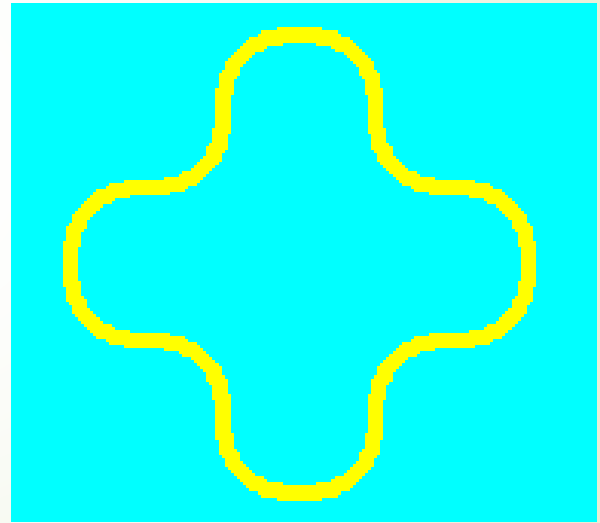
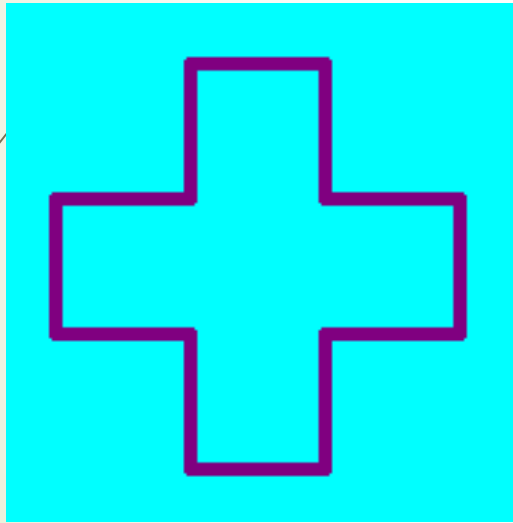


Curve

- ▶ How many points needed to draw the following shape using curve?
- ▶ 13 points
- ▶ Can you do it with blob. (Answer is YES)
- ▶ Then what are the differences between curve and blob?

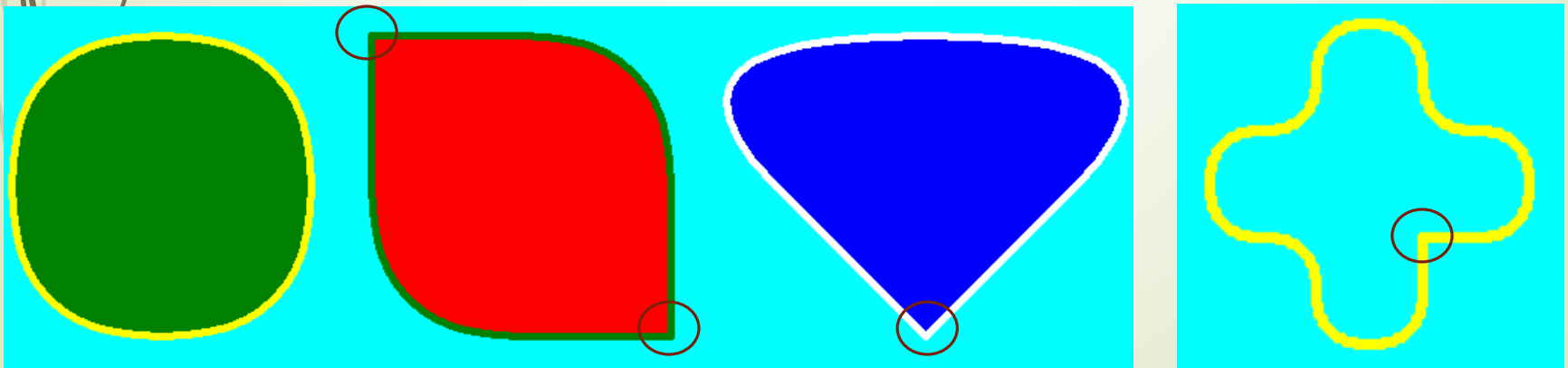


Line vs Curve



Blob

- Similar to curve
 - But automatically connect the first point and the last point
 - You can put different fill colors
- Repeating a point in the blob's point list will ensure that the edge of the blob passes through that point (Also same in curve).



Text

➤ Where is the anchor point?

➤ `text(x, y, "Hello World!", "c")`

Hello World!

➤ `text(x, y, "Hello World!", "e")`

Hello World!

➤ `text(x, y, "Hello World!", "ne")`

Hello World!

➤ `text(x, y, "Hello World!", "ws")`

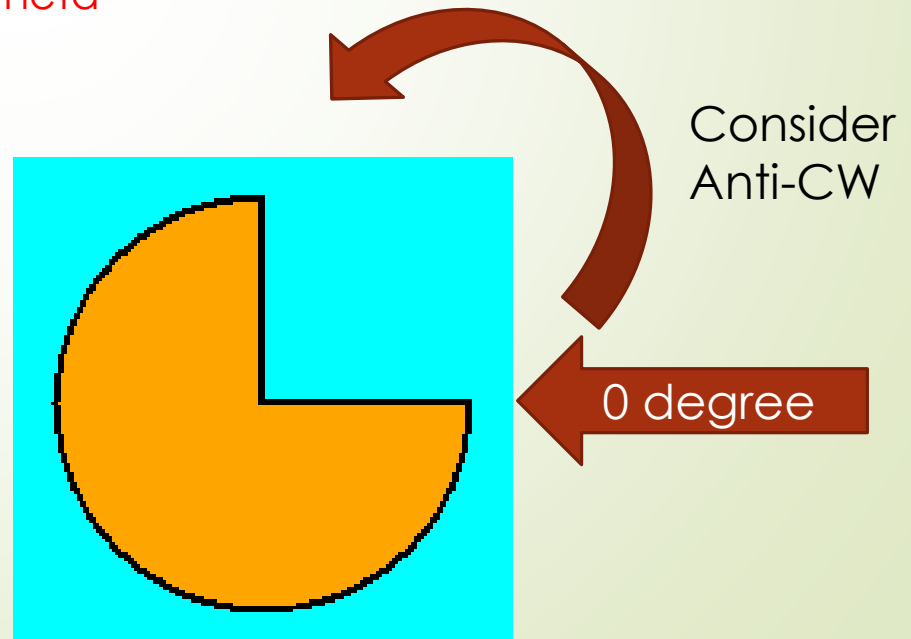
Hello World!



Pie Slice

- `pieSlice(x,y,w,h, start_theta, offset_theta)`
 - `(x, y)` is the top left coordinate of the bounding box
 - `(w,h)` is the width-height of the bounding box
 - `start_theta` is the start angle and `offset_theta` is the offset angle from `start_theta`

`pieSlice(x,y,130,130,90,270)`



Example Art (`run home.py`)

