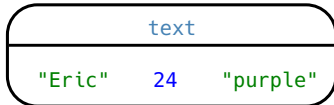


Composing Image Functions

You'll be investigating these functions with your partner:

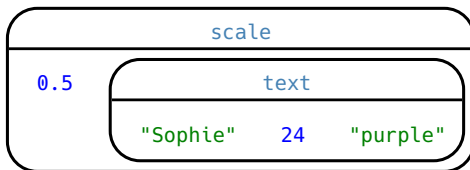
```
# text :: String, Number, String -> Image
# scale :: Number, Image -> Image
# rotate :: Number, Image -> Image
# flip-horizontal :: Image -> Image
# flip-vertical :: Image -> Image
```

1) Make an image of your name, in big purple letters. Draw the Circle of Evaluation and write the code that will create this image.



```
text("Eric", 24, "purple")
```

2) Try using the `scale` function to make your name bigger or smaller. Draw the Circle of Evaluation (hint: use what you wrote above!), then write the code.



```
scale(0.5, text("Sophie", 24, "purple"))
```

3) In your own words, what does `scale` do?

When the number is less than 1, it scales the image down to a smaller version

When the number is greater than 1, it scales the image up to a larger version

4) Try out `rotate`, `flip-horizontal`, and `flip-vertical`. Use the space below to write your code, then test out your code in WeScheme when you're ready.

For sample code for these functions, refer to the contracts page of the teachers manual.