

Typography_Sweeping_Text

```
//Typography Sweeping Text
```

```
//Mr. H.
```

```
PFont font;
```

```
String phrase = "Do or Do Not. There is no try.";
```

```
float angle = 0;
```

```
int change = 1;
```

```
void setup() {  
  size(800, 600);  
  font = createFont("Times-Italic", 16);  
}
```

```
void draw() {  
  background(0);  
  fill(255);  
  textFont(font);  
  textSize(32);  
  textAlign(LEFT);  
  text(phrase, 10, 100);
```

```
//Sweeps the phrase up and down
```

```
  pushMatrix();  
  translate(width/2, height/2);  
  rotate(radians(angle));  
  //align LEFT, CENTER or RIGHT for point of rotation  
  textAlign(CENTER);  
  text(phrase, 0, 0);  
  popMatrix();
```

```
  angle = angle + change;
```

```
  //Allows a sweep angle between -45° and 45°
```

```
  if (angle <= -45 || angle >= 45) {  
    change = change * -1;  
  }  
}
```