temperature (° F)	coordinate-x	coordinate-y
45.3	900	0
45.6	1000	100
45.3	1100	200
46	800	100
46.2	800	200
46.6	900	200
44	900	300
50.2	700	100
45.6	700	200
42.7	800	300
43.4	900	400
49.2	600	200
45.5	700	300
43.8	700	400
45	800	400
47	500	300
45.2	600	400
43.3	600	500
44.5	700	500
46	600	300
45	500	400
46	400	500
41.5	300	600
46.8	400	400
44.7	500	500
44	500	600
42.5	600	600
45.8	300	500
43.2	400	600
42.7	400	700
40.3	500	700
38.9	0	400
39.8	100	500
39	200	500
39.4	200	600
39.6	300	700
41.3	400	800
45.9	900	100
46	1000	200

```
PShape map;
Table data;
int rowCount;
float dataMax;
float dataMin=50;
float value;

void setup(){
  size(1220,900);
  map=loadShape("newnew-01.svg");
  PFont font=loadFont("Helvetica-16.vlw");
  textFont(font);
  data=new Table("names.tsv");
  rowCount=data.getRowCount();
  for(int i=0;i<rowCount;i++){
    float value=data.getFloat(i,0);
    if(value>dataMax){
      dataMax=value;
    }
    if(value<dataMin){
      dataMin=value;
    }
  }
}

void draw(){
  background(0);
  shape(map,0,0);
  for(int row=0;row<rowCount;row++){
    float x=data.getFloat(row,1);
    float y=data.getFloat(row,2);
    drawData(x,y,row);
  }
  saveFrame("output/####.png");
  println(dataMin);
  println(dataMax);
}

void drawData(float x,float y,int row){
  value=data.getfloat(row,0);

  rectMode(CORNER);
  float percent=norm(value,dataMin,dataMax);
  float between=lerpColor(38,238,percent);
  fill(#F7C557,between);
  strokeWeight(0.2);
  stroke(255);
```