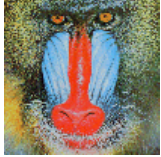


```

1 begin
2   using TestImages
3   using ImageShow
4
5 end

```

img =



```

1 img = testimage("mand")[1:5:end,1:5:end]

```

morph (generic function with 1 method)

```

1 function morph(transform)
2   store = []
3
4   for x in 1:img.size[1]
5     for y in 1:img.size[2]
6       pix = img[x,y]
7       t = transform(x + im*y)
8       tx, ty = Int(real(t)÷1), Int(imag(t)÷1)
9       push!(store,(tx,ty,pix))
10    end
11  end
12
13  ux,uy = maximum(x->x[1],store), maximum(x->x[2], store);
14  lx,ly = minimum(x->x[1],store), minimum(x->x[2], store);
15  sx,sy = ux-lx, uy - ly
16  morphed = zeros(typeof(img[1,1]),(sx+1,sy+1))
17  for (i,j,pix) in store
18    # println(i-lx," ",j-ly)
19    morphed[i-lx+1,j-ly+1] = pix
20  end
21
22  morphed
23 end

```

```

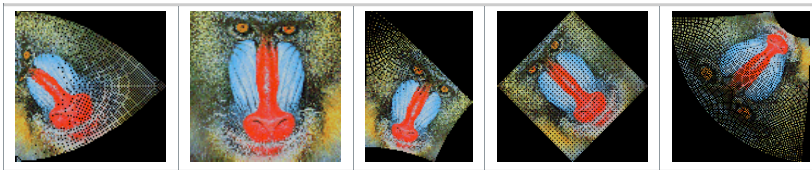
transforms = ▶ [#1267, #1268, #1269, #1270, #1271]

```

```

1 transforms = [z->z^2/200, z->z', x->sqrt(150x), z->2(1+im)*z/3, z->exp(-z/(70
+10im))*150]

```



(a vector displayed as a row to save space)

```

1 map(morph, transforms)

```

```

1 Enter cell code...

```