

Код

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☺ Не мой код

Он взят с [этого крутого сайта](#) и намного интереснее моих :)

```
1  # generate pairs of x-y values
2  theta = seq(-2 * pi, 2 * pi, length = 300)
3  x = cos(theta)
4  y = x + sin(theta)
5
6  # set graphical parameters
7  op = par(bg = "black", mar = rep(0.1, 4))
8
9  # plot
10 plot(x, y, type = "n", xlim = c(-8, 8), ylim = c(-1.5, 1.5))
11 for (i in seq(-2*pi, 2*pi, length = 100))
12 {
13     lines(i*x, y, col = hsv(runif(1, 0.85, 0.95), 1, 1, runif(1,
14 ↪ 0.2, 0.5)),
15         lwd = sample(seq(.5, 3, length = 10), 1))
16 }
17
18 # signature
19 legend("bottomright", legend = "© Gaston Sanchez", bty = "n",
20 ↪ text.col = "gray70")
```



Что осталось с пвврого курса

```
1 bubble<-function(A){
2   for(i in (length(A)-1):1){
3     for(j in 1:i){
4       if(A[j]>A[j+1]){b<-A[j]
5                           A[j]<-A[j+1]
6                           A[j+1]<-b}
7     }
8   }
9   return(A)
10 }
11 A<-c(9,8,5,4,8,1)
12 print(bubble(A))
13
14 func2<-function(A){
15   for(i in length(A):2){
16     key<-1
17     for(j in 1:i){
18       if(A[j]>A[key]){key<-j}
19     }
20     if(key<j){b<-A[j]
21                     A[j]<-A[key]
22                     A[key]<-b}
23   }
24   return(A)
25 }
26 print(func2(A))
```