**Algorithm:** Servo control Algorithm

**Input:** x є f, buffer that is sent

**Output:** servo

1 **Initialize** reverse\_status = 0

2 f(i), set of buffers

3 h(i) = {T,A,B,C,R,G,S}

4 g(i) = {t,a,b,c,r,g,s}

5 binary servo[6] = {pin11,pin10,pin9,pin6,pin5,pin3} = 000000

6 **if** (reverse\_status == 0) **then**

7 f(x) = h(x)

8 **else**

9 f(x) = g(x)

10 **end**

11 **for** i = 1 to 6 **do**

12 **if** (x = f(i)) **then**

13 servo[i] = 1

14 **else**

15servo[i] = 0

16 **end**

17 **end**

18 return servo