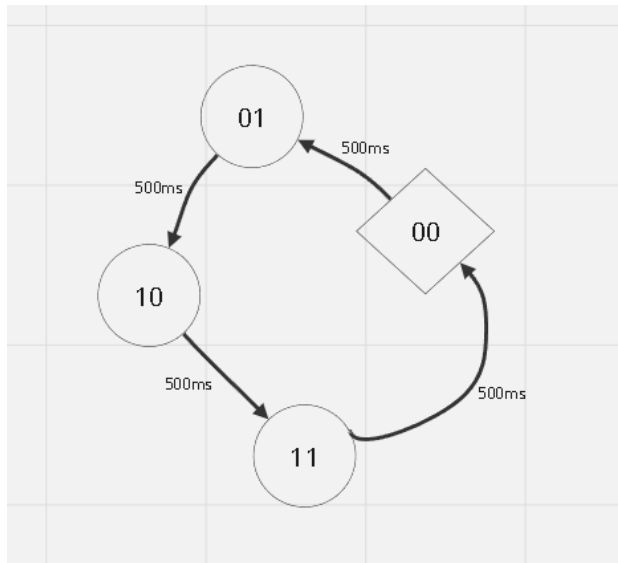


Relatório 3

Tales Machado Prudente

Matrícula: 350

Questão 2-)

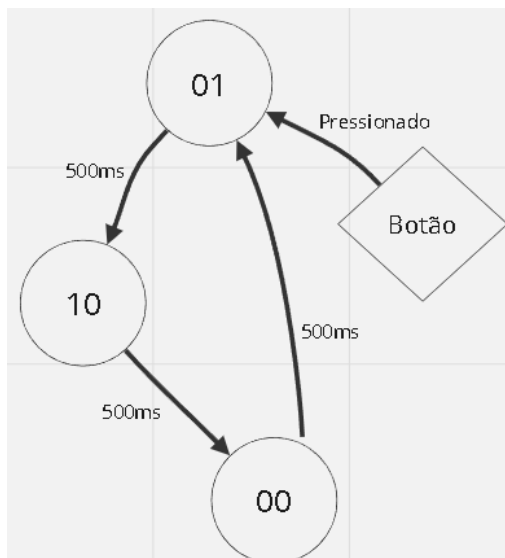



```

1  #define LED1 (1 << PD3)
2  #define LED2 (1 << PD4)
3
4  ✓ int main(){
5      DDRD |= LED1 | LED2;
6
7  ✓  while (1)
8      {
9          //00
10         PORTD &= ~(LED1 & LED2);
11         _delay_ms(500);
12
13         //01
14         PORTD |= LED2;
15         _delay_ms(500);
16
17         //10
18         PORTD &= ~(LED2);
19         PORTD |= LED1;
20         _delay_ms(500);
21
22         //11
23         PORTD |= LED1 | LED2;
24         _delay_ms(500);
25     }
26
27 }

```

Questão 3-)



```
1  #define BOTAO (1 << PB0)
2  #define LED1 (1 << PD3)
3  #define LED2 (1 << PD4)
4
5  int main(){
6      DDRD |= LED1 | LED2;
7      PORTB = 255;
8
9       bool check = false::;
10
11     while (1)
12     {
13         while (!check)
14         {
15             if(!(PINB & (1 << BOTAO)))
16                 check = true;
17         }
18
19         //01
20         PORTD |= LED2;
21         _delay_ms(500);
22
23         //10
24         PORTD &= ~(LED2);
25         PORTD |= LED1;
26         _delay_ms(500);
27
28         //00
29         PORTD &= ~(LED1 & LED2);
30         _delay_ms(500);
31     }
32 }
```