

```

void setup() {DDRD=0b00001100;DDRB=0b00000001;}

//initializing 8,3,2 pins as output for A,B,C LEDs

void loop() {

digitalWrite(8,HIGH);//A is on

digitalWrite(3,HIGH);delay(416);digitalWrite(3,LOW);

delay(416);

digitalWrite(3,HIGH);delay(416);digitalWrite(3,LOW);

delay(416);//B blinks twice within 5s

digitalWrite(2,HIGH);delay(277);digitalWrite(2,LOW);

delay(277);

digitalWrite(2,HIGH);delay(277);digitalWrite(2,LOW);

delay(277);

digitalWrite(2,HIGH);delay(277);digitalWrite(2,LOW);

delay(277);//C blinks thrice within 5s

delay(1766);//in total A is on for 5sdigitalWrite(8,LOW);//A is off

digitalWrite(3,HIGH);delay(277);digitalWrite(3,LOW);

delay(277);

digitalWrite(3,HIGH);delay(277);digitalWrite(3,LOW);

delay(277);

digitalWrite(3,HIGH);delay(277);digitalWrite(3,LOW);

delay(277);//B blinks thrice within 5s

digitalWrite(2,HIGH);delay(416);digitalWrite(2,LOW);

delay(416);

```

```
digitalWrite(2,HIGH);delay(416);digitalWrite(2,LOW);
```

```
delay(416);//C blinks twice within 5s
```

```
delay(1766);};//in total A is off for 5s
```