```
Arduino Binary Counter Code
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int pin2 = 2;
int pin3 = 3;
int pin4 = 4;
int pin5 = 5;
int waittime = 1000;

void setup() {
  // put your setup code here, to run once:
  pinMode (pin2, OUTPUT);
  pinMode (pin3, OUTPUT);
  pinMode (pin4, OUTPUT);
  pinMode (pin5, OUTPUT);

}

void loop() {
  // put your main code here, to run repeatedly:

  //0
  digitalWrite (pin5, LOW);
  digitalWrite (pin4, LOW);
  digitalWrite (pin3, LOW);
  digitalWrite (pin2, LOW);

  delay(waittime);

  //1
  digitalWrite (pin5, HIGH);
  digitalWrite (pin4, LOW);
  digitalWrite (pin3, LOW);
  digitalWrite (pin2, LOW);

  delay(waittime);

  //2
  digitalWrite (pin5, LOW);
  digitalWrite (pin4, HIGH);
  digitalWrite (pin3, LOW);
  digitalWrite (pin2, LOW);

  delay(waittime);

  //3
  digitalWrite (pin5, HIGH);
  digitalWrite (pin4, HIGH);
  digitalWrite (pin3, LOW);
  digitalWrite (pin2, LOW);


  delay(waittime);

  //4
  digitalWrite (pin5, LOW);
  digitalWrite (pin4, LOW);
  digitalWrite (pin3, HIGH);
  digitalWrite (pin2, LOW);
```

```
    delay(waittime);

    //5
    digitalWrite (pin5, HIGH);
    digitalWrite (pin4, LOW);
    digitalWrite (pin3, HIGH);
    digitalWrite (pin2, LOW);

    delay(waittime);

    //6
    digitalWrite (pin5, LOW);
    digitalWrite (pin4, HIGH);
    digitalWrite (pin3, HIGH);
    digitalWrite (pin2, LOW);

    delay(waittime);

    //7
    digitalWrite (pin5, HIGH);
    digitalWrite (pin4, HIGH);
    digitalWrite (pin3, HIGH);
    digitalWrite (pin2, LOW);

    delay(waittime);

    //8
    digitalWrite (pin5, LOW);
    digitalWrite (pin4, LOW);
    digitalWrite (pin3, LOW);
    digitalWrite (pin2, HIGH);

    delay(waittime);

    //9
    digitalWrite (pin5, HIGH);
    digitalWrite (pin4, LOW);
    digitalWrite (pin3, LOW);
    digitalWrite (pin2, HIGH);

    delay(waittime);

    //10
    digitalWrite (pin5, LOW);
    digitalWrite (pin4, HIGH);
    digitalWrite (pin3, LOW);
    digitalWrite (pin2, HIGH);

    delay(waittime);
}
```