

```
void setup()
{
  //all pins are outputs and we are using 2 to 13//
  for (int x =2;x<13;x++)
  {
    pinMode(x,OUTPUT);
    digitalWrite(x,HIGH);
  }
}

void loop()
{
  blue();
  cycle();
  green();
  cycle();
  red();
  cycle();
}

void blue()
{
  digitalWrite(12,LOW);
}

void green()
{
  digitalWrite(11,LOW);
}

void red()
{
  digitalWrite(10,LOW);
}

void cycle()
{
  for(int x=2;x<10;x++)
  {
    digitalWrite(x,LOW);
    delay(500);
    digitalWrite(x,HIGH);
  }
  digitalWrite(10,HIGH);
  digitalWrite(11,HIGH);
  digitalWrite(12,HIGH);
}
```