

```
int buzzer=11;

void setup()
{
  pinMode(buzzer,OUTPUT);
}

void loop()
{
  unsigned char i,j;
  while(1)
  {
    for(i=0;i<80;i++)//Output sound of one frequency
    {
      digitalWrite(buzzer,HIGH);//make a sound
      delay(1);//delay 1ms
      digitalWrite(buzzer,LOW);//silient
      delay(1);//delay 1ms
    }
    for(i=0;i<500;i++)//output sound of another frequency
    {
      digitalWrite(buzzer,HIGH);//make a sound
      delay(2);//delay 2ms
      digitalWrite(buzzer,LOW);//silient
      delay(2);//delay 2ms
    }
  }
}
```

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