```
int speaker = 11;
int freq = 400;

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

void loop() {
  while(freq < 1800){
      tone(speaker,freq);
      delay(20);
      freq = freq + 10;
      }
  while(freq > 400){
      tone(speaker,freq);
      delay(20);
      freq = freq - 10;
      }
}
```

```
int speaker = 4;
int button = 3;
int freq1 = 800;
int freq2 = 1600;
int repCount;

void setup() {
 pinMode(speaker,OUTPUT);
 pinMode(button,INPUT);
}

void loop() {
  while(digitalRead(button) == LOW){
    delay(10);
    }
  for(repCount = 0;repCount < 4;
repCount++){
      tone(speaker,freq2);
      delay(200);
      tone(speaker,freq1);
      delay(200);
      }
  noTone(speaker);
}
```