

```
Limit = analogRead(0);  
Limit = Limit - THRESHOLD;
```

```
delay(2000);
```

```
Serial.begin(115200);
```

```
Serial.println("Ready!");
```

```
const int NUMBER_OF_NOTES = 2;  
const int THRESHOLD = 50;  
int Limit = 0;  
int LowestPin = 0;
```

```
if (analogRead(LowestPin) < Limit)  
{  
  Serial.print("Note ");  
  Serial.print(LowestPin);  
  Serial.println(" is being played");  
}
```

```
for (int i = 0; i < (NUMBER_OF_NOTES - 1); i++)  
{  
  if ( analogRead(i) < analogRead(i + 1) )  
  {  
    LowestPin = i;  
  }  
  else  
  {  
    LowestPin = i + 1;  
  }  
}
```