

'BASIC converted from flowchart:  
'C:\PROGRAM FILES\PROGRAMMING EDITOR\PROJECTS\HALLOWEEN06.CAD  
'Converted on 10/29/06 at 17:04:28

```
symbol adc_leg6 = 1
symbol out = 2
symbol leg3 = 4
'When light falls on the LDR the voltage value on the pin will be greater than 160
'when light is blocked the value will be less than 160.
'If this happens then the pin that controls the sound will go up then down again.
'It is connected to the ISD2560 in sequential mode and so this would trigger the
'next track
main:
label_1B:  readadc 1,b0
           if b0< 160 then label_4D
           goto label_1B

label_4D:  high out
           pause 1000
           low out
           wait 10
           goto label_1B
```

'I used the flow chart function to create this program that is why the labels do not have function names