Expert Q&A


```
int signalLight = 8;
int horn = 11;

"void setup() {"
"pinMode(signalLight, OUTPUT);"
"}"

"void loop() {"
"digitalWrite(signalLight, HIGH);"
"delay(4000);"
" digitalWrite(signalLight, LOW);"
"delay(4000);"

"digitalWrite(horn, HIGH);"
delay(500);
digitalWrite(horn, LOW);
}
```

Explanation:

In the program above, the signal light is set to pin 8 and the horn is set to pin 11. The signal light will be on for 4 seconds and then off for 4 seconds. The horn will sound when the master presses the horn switch. The signal light is controlled by an Arduino Uno. The signal light flashes every 4s. The horn is sounded whenever the master presses the horn switch. The horn switch already has a small RC circuit attached to it to counter bouncing. The program is written in Arduino Uno. The signal light is set to pin 8 and the horn is set to pin 11. The signal light will be on for 4 seconds and then off for 4 seconds. The horn will sound when the master presses the horn switch.