

Assignment No: 12

Code:

```
#define fsrpin A0

#define buzzer 9

int fsrreading;

void setup() {
    Serial.begin(9600);
}

void loop() {
    fsrreading = analogRead(fsrpin);

    Serial.println(fsrreading);

    if(fsrreading>200){
        buzzerAlert();
    }
}

void buzzerAlert() {
    // Activate the buzzer for a specific duration

    tone(9, 220, 100);

    delay(200);
}
```

Output:

```
0
0
0
0
0
0
0
0
0
0
385
385
385
385
385
385
385
385
```

401
401
401
401
401
401
401
401
401
401
401
381
381
381
346
295
280
280
280
280
255
255
323
323
385
385
417
417
417
425
425
425
425
425
425
425
425

