```python
# To make a counter using an LDR which glows an ...
# led when an object passes in front of it and ...
# also tallies a count which is displayed as soon ...
# as it recieves a keboard interrupt .

import time
import Adafruit_ADS1x15
import wiringpi as wp

led=18
count=0
GAIN=1

def setup():
        adc=Adafruit_ADS1x15.ADS1115()
        wp.wiringPiSetupGpio()
        wp.pinMode(led,1)


def count_func():
        while True:
                wp.digitalWrite(led,0)
                value=adc.read_adc(0,gain=1)
                if value<9000:
                        wp.digitalWrite(led,1)
                        while value<9000:
                                value=adc.read_adc(0,gain=1)
                                time.sleep(0.5)
                        count+=1
                time.sleep(0.5)

if __name__ == '__main__' :
        setup()
        try:
                count_func()
        except KeyboardInterrupt:
                wp.digitalWrite(led,0)
                print count
```

TEAM MEMBERS:

1. Arya Rajiv
2. Jayadev M
3. Umashankar
4. Aditya S