

GROUP NO. : 11

COUNTER FOR SCINTILLATOR
DETECTOR USING ARDUINO

```
int count=0;
float a;
int aon=0;
void setup() {
  Serial.begin(9600);
  count=0;
  pinMode(5,INPUT);
}

void loop() {
  delay(1000);
  if(digitalRead(5)==HIGH)
  {aon=1;}
  Serial.println(aon);
  if(aon==1)
  {
    a=analogRead(A0);
    a = a * (5.0 / 1024.0);
    //Serial.print("Hello");
    //Serial.print("From analog pin");
    if(a<=1.2)
    {count++;
    }
  }
  Serial.print("Count=");
  Serial.println(count);
}
```