



```
//Programma PWM; i valori della PWM vanno da 0 a 255
```

```
//I registri sono a 8 bit equindi, possiamo esprimere
```

```
//valori fino a 255
```

```
int ledR=3;
```

```
char a;
```

```
void setup()
```

```
{
```

```
  pinMode(ledR, OUTPUT);
```

```
  Serial.begin(9600);
```

```
}
```

```
void loop()
```

```
{a=Serial.read();
```

```
  if(a=='1')
```

```
    analogWrite(ledR, 75); //implemento PWM
```

```
  if(a=='2')
```

```
    analogWrite(ledR, 100);
```

```
  if(a=='3')
```

```
    analogWrite(ledR, 150);
```

```
  if(a=='4')
```

```
analogWrite(ledR, 200);  
  
if(a=='5')  
    analogWrite(ledR,255);  
  
if(a=='0')  
    analogWrite(ledR, 0);  
  
}
```