

```
char Incoming_value = 0;
```

```
void setup()
```

```
{  
  Serial.begin (9600);  
  pinMode (9, OUTPUT);  
  pinMode (8, OUTPUT);  
  pinMode (7, OUTPUT);  
  digitalWrite (7, LOW);  
  digitalWrite (8, HIGH);
```

```
}
```

```
void loop()
```

```
{  
  if (Serial.available() > 0);  
  {  
    Incoming_value = Serial.read();  
    Serial.print (Incoming_value);  
    Serial.print ("\n");  
    if (Incoming_value == '1')  
    {  
      analogWrite (9, 255);  
    }  
    else if (Incoming_value == '0')  
    {  
      analogWrite (9, 0);  
    }  
  }  
}
```