

ASSIGNMENT 01

CODE:

```
void setup()
{
    pinMode(13, OUTPUT);
    pinMode(12, OUTPUT);
    pinMode(11, OUTPUT);

    Serial.begin(9600);

    Serial.println("ENTER VALUE OF COUNTER");
}

void loop() {
    while(Serial.available()!=0)
    {
        int counter =
        Serial.parseInt();

        Serial.println(counter);

        if (counter < 100)
        {
            digitalWrite(13, HIGH);
            delay(1000);
            digitalWrite(13, LOW);
            delay(1000);
        }

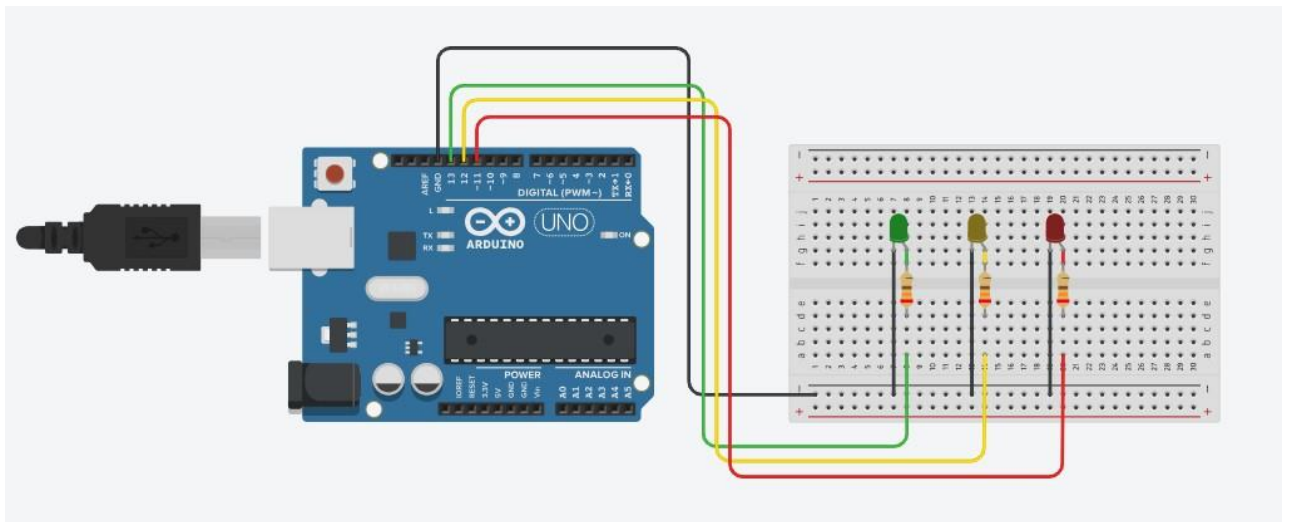
        else if (counter > 100 && counter < 200)
        {
            digitalWrite(12, HIGH);
            delay(1000);
            digitalWrite(12, LOW);
            delay(1000);
        }
    }
}
```

```

    } else
digitalWrite(11, HIGH);
delay(1000);
digitalWrite(11, LOW);
delay(1000);
}
}

```

CIRCUIT:



OUTPUT:

