LAPORAN PRAKTIKUM

PRAKTIK MIKROKONTROLLER

**PRAKTIKUM I**

**7 SEGMENT DAN TRAFFIC LIGHT**



**Disusun oleh :**

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**Dosen**

Yusuf Fadila Rachman. S.Kom., M.Kom

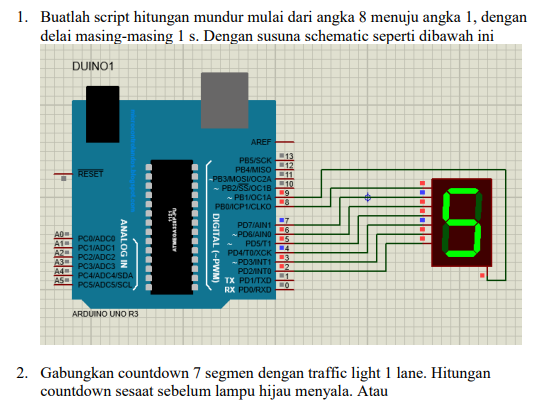
# PS D-III TEKNIK INFORMATIKA SEKOLAH VOKASI UNIVERSITAS SEBELAS MARET 2024

## HASIL DAN PEMBAHASAN

## PRAKTIKUM 1

**SOAL**

1. Buatlah script hitungan mundur mulai dari angka 8 menuju angka 1, dengan delai masing-masing 1 s. Dengan susuna schematic seperti dibawah ini

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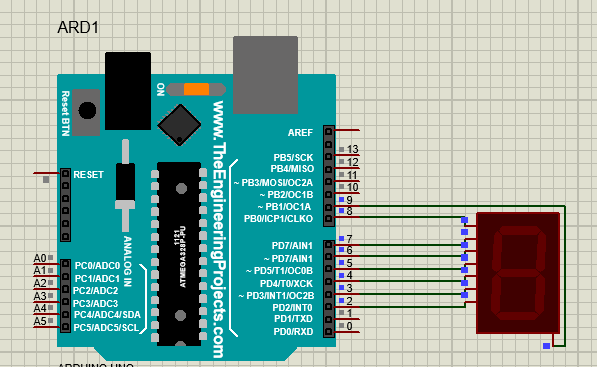
1. Gabungkan countdown 7 segmen dengan traffic light 1 lane. Hitungan countdown sesaat sebelum lampu hijau menyala.

## SOAL 1

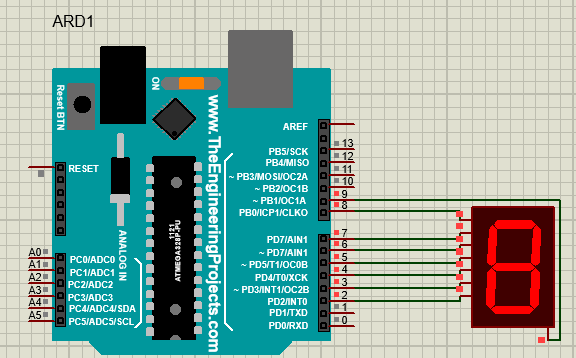
## SCRIPT ARDUINO

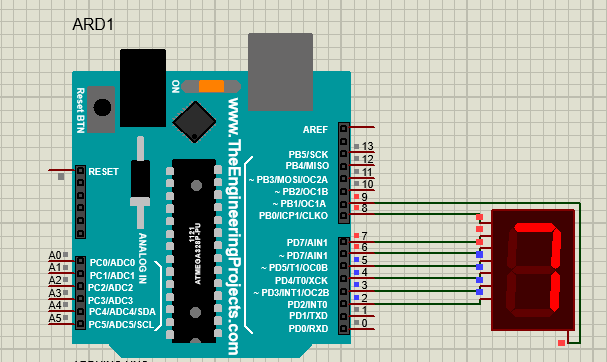
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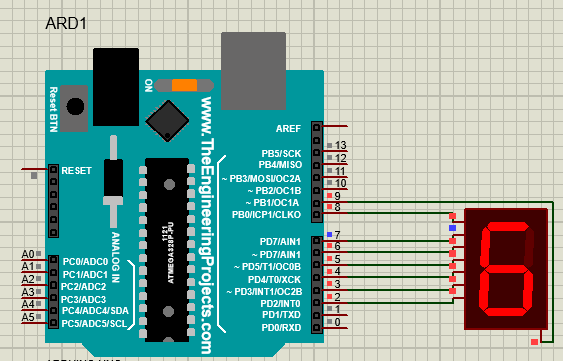
## ARSITEKTUR PROTEUS

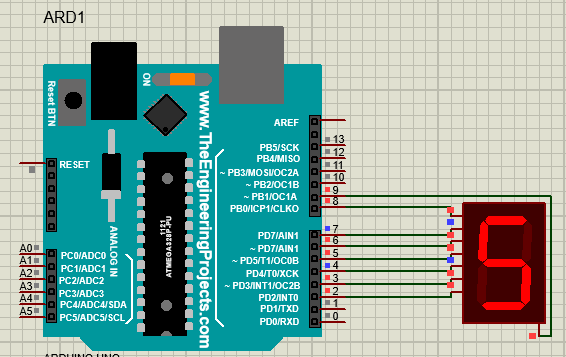
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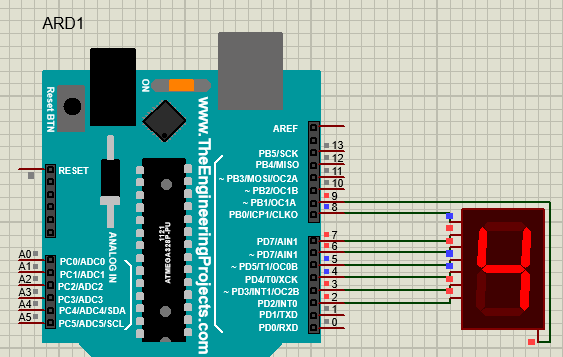
## HASIL

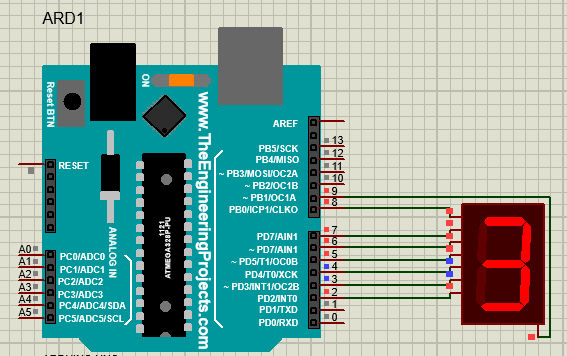


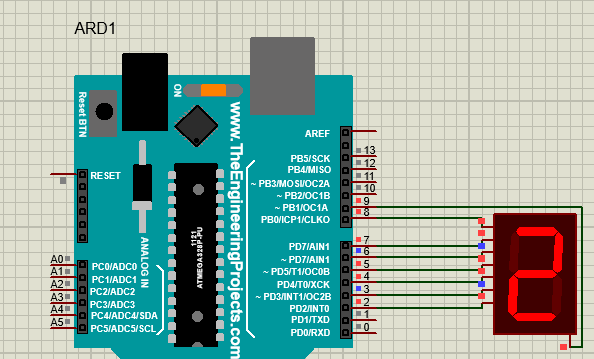
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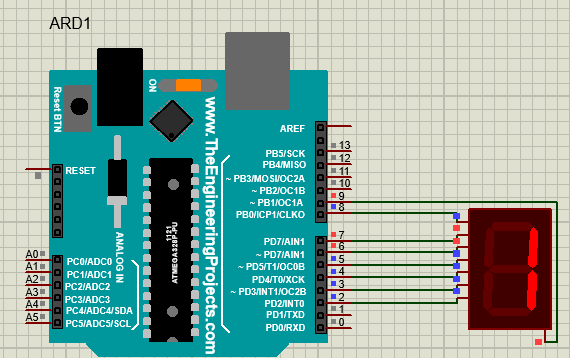
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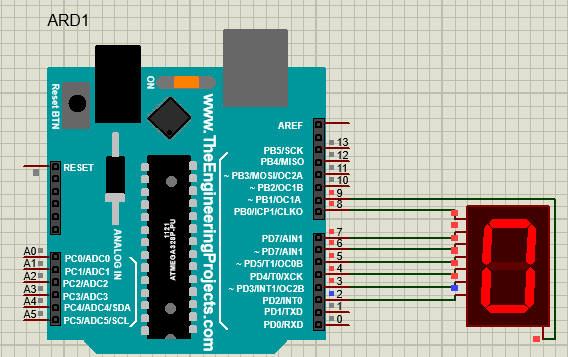
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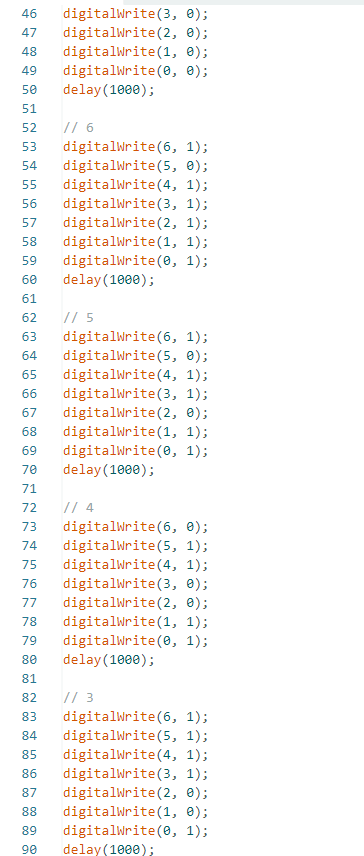
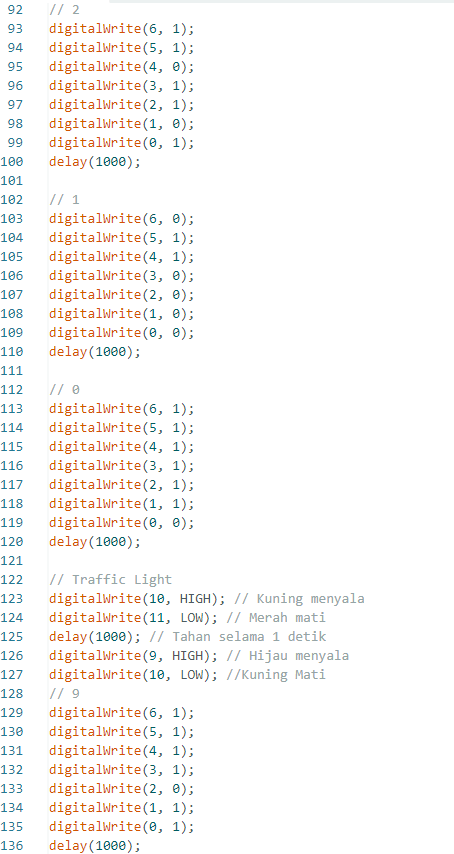


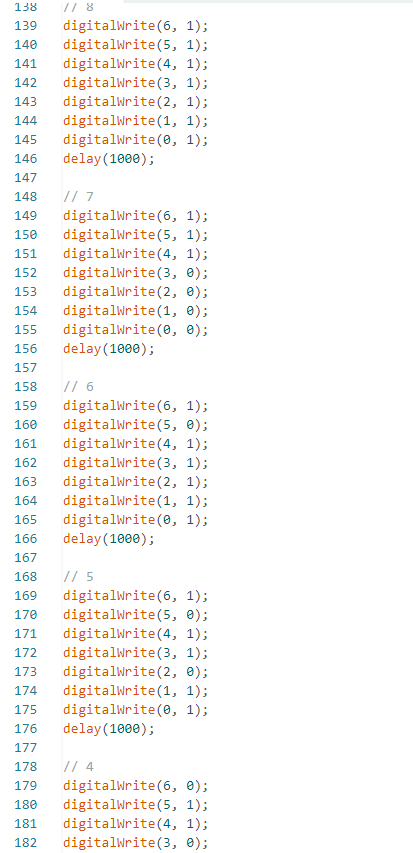
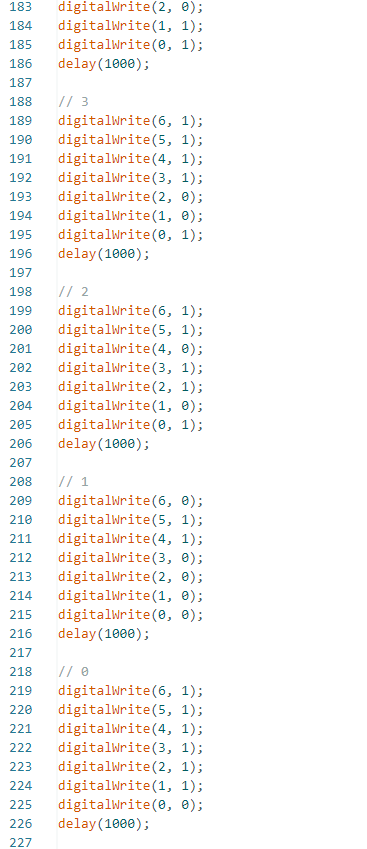
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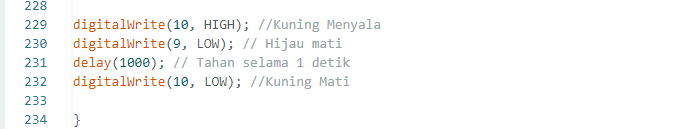
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## 2. SOAL 2

## SCRIPT ARDUINO

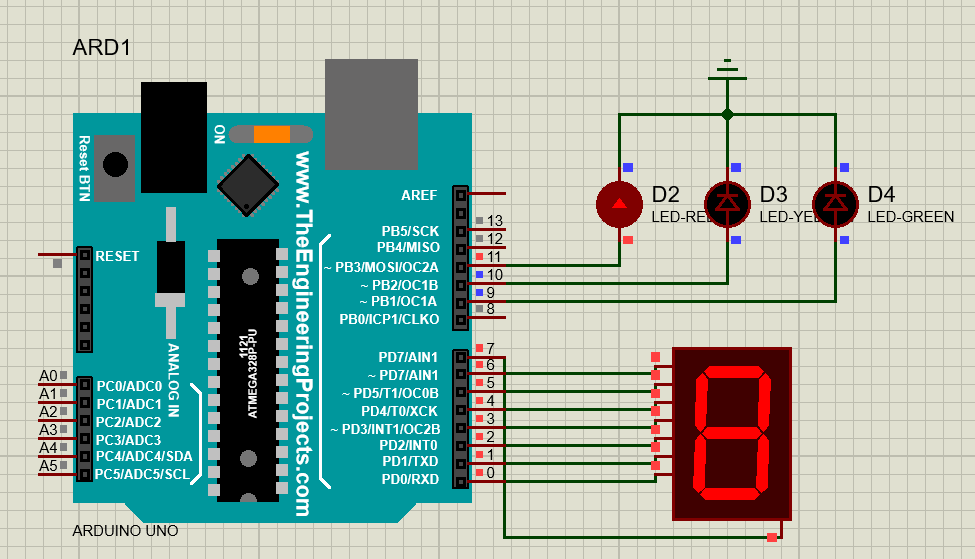
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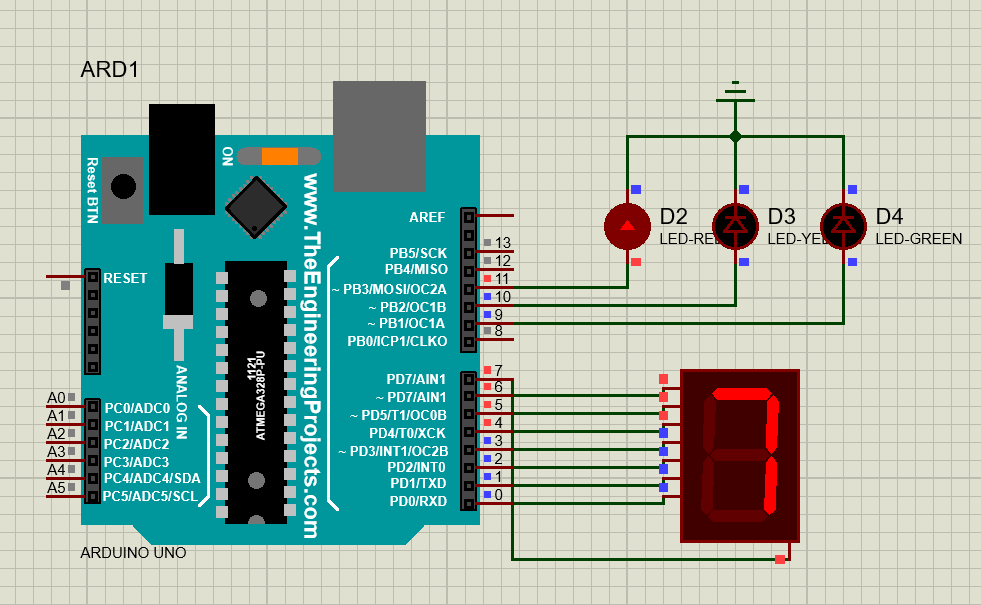
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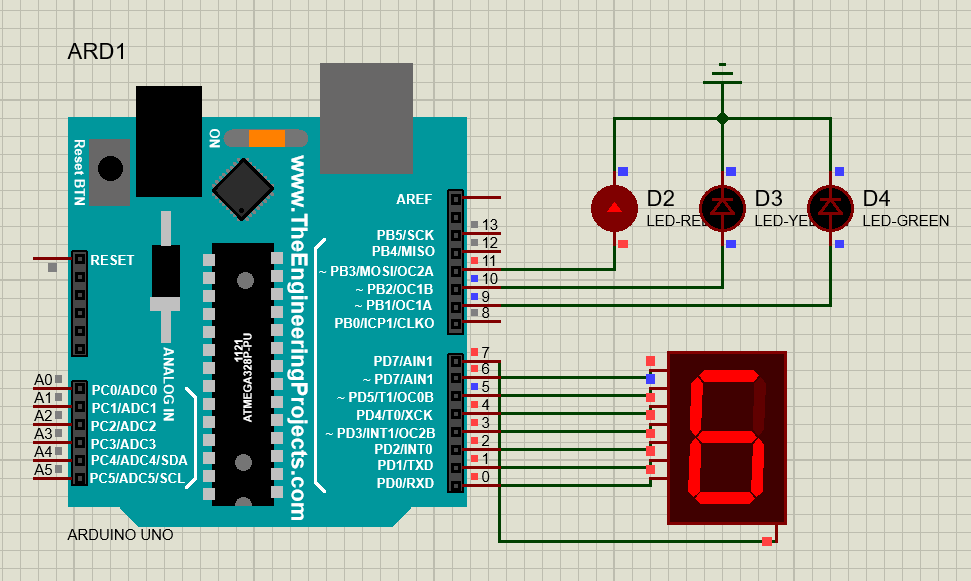
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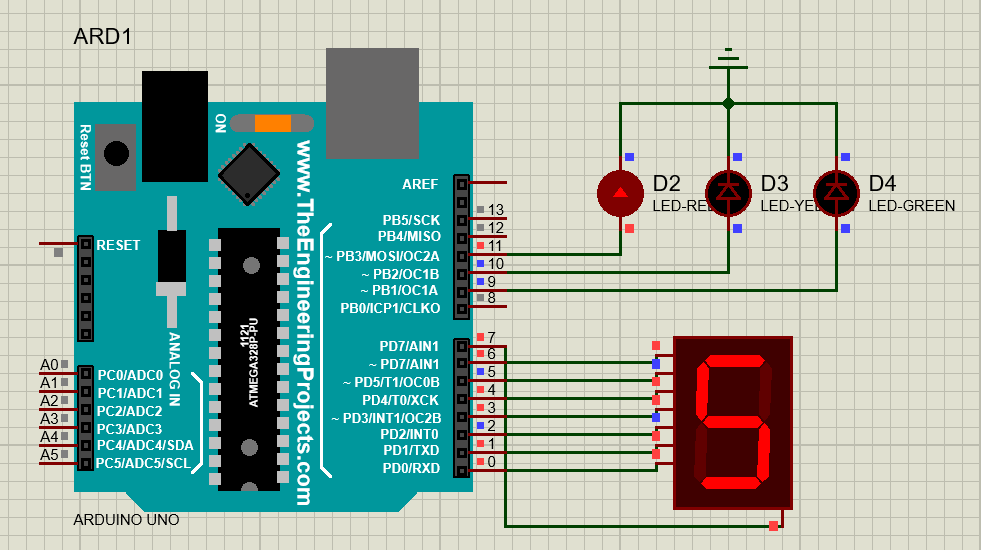
## ARSITEKTUR PROTEUS

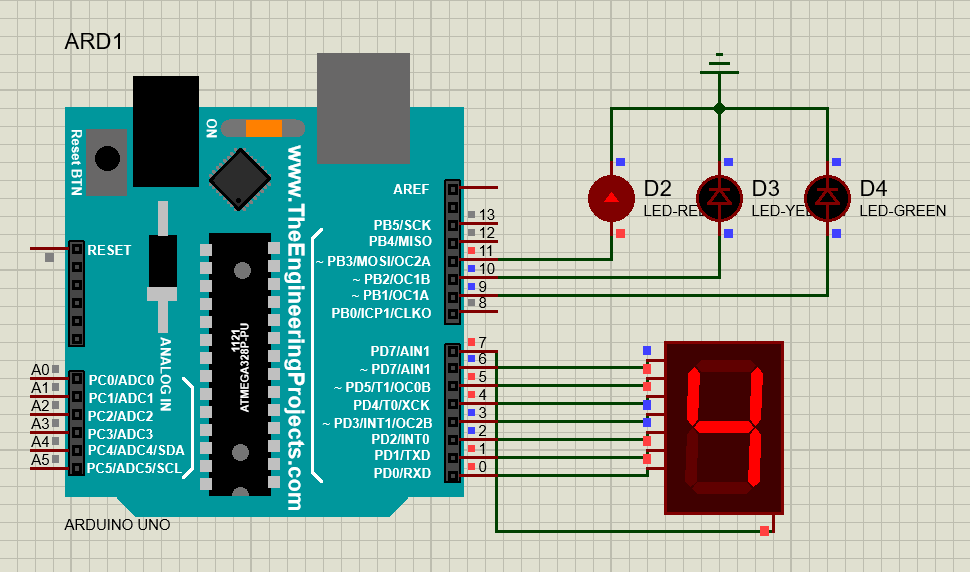
## HASIL

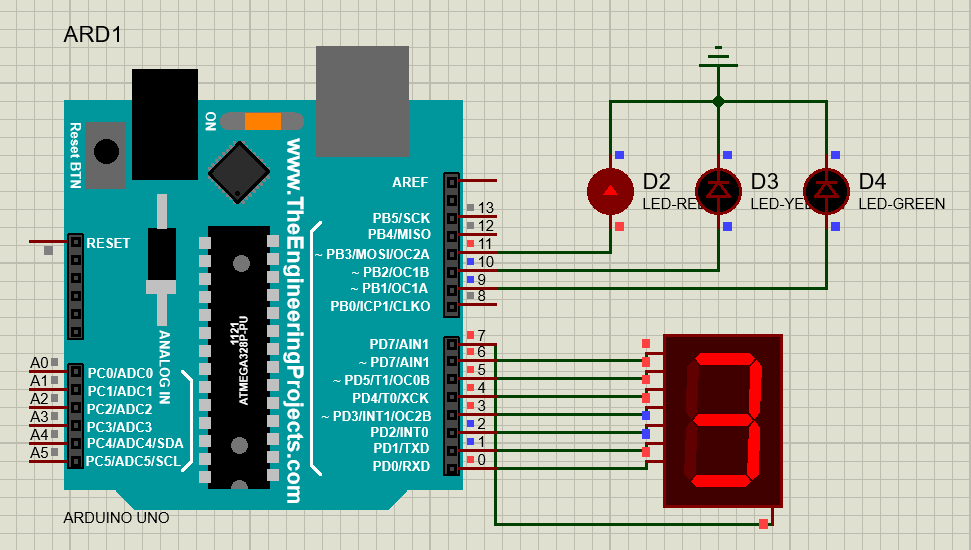










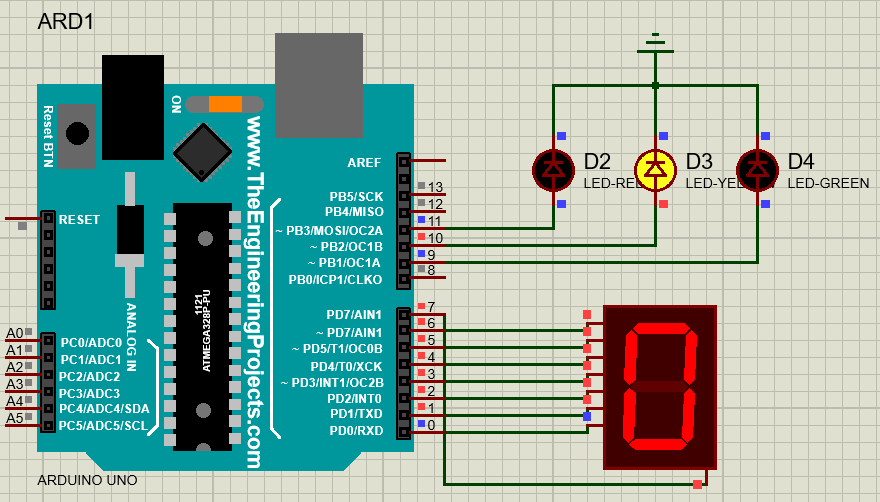


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### Lampu merah mati lalu berubah menjadi kuning



### Lampu Kuning mati dan berubah menjadi hijau

