Imam Muis Hamzah Harahap
Praktik Pulse Width Modulation (PWM)

1. PROGRAM

```
1   /*****************************************************
2   This program was produced by the
3   CodeWizardAVR V2.05.3 Standard
4   Automatic Program Generator
5   © Copyright 1998-2011 Pavel Haiduc, HP InfoTech s.r.l.
6   http://www.hpinfotech.com
7
8   Project : Modul 7 - PWM
9   Date    : 07/01/2020
10  Author  : Imam M. H. Harahap
11  Company : Mekatronika
12  *****************************************************/
13
14  //Program membuat PWM dari Timer 0
15  #include <mega8535.h>
16  void main(void){
17      DDRB.3=1;
18      TCCR0=0B01110001;
19      OCR0=0;
20      while(1);
21  }
```
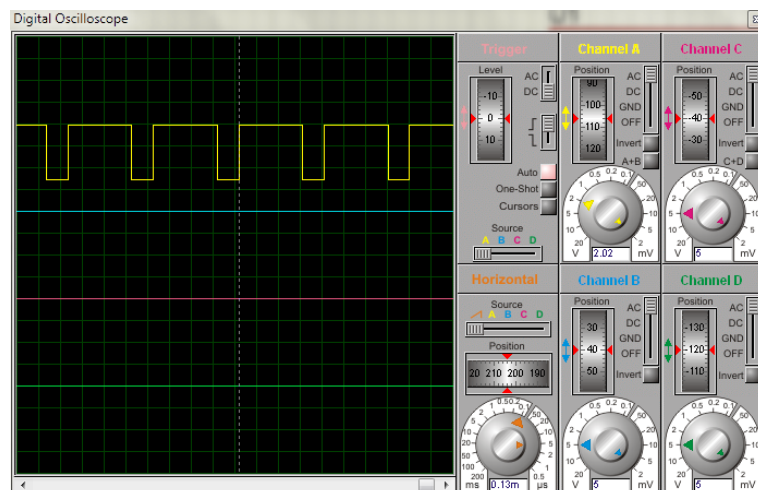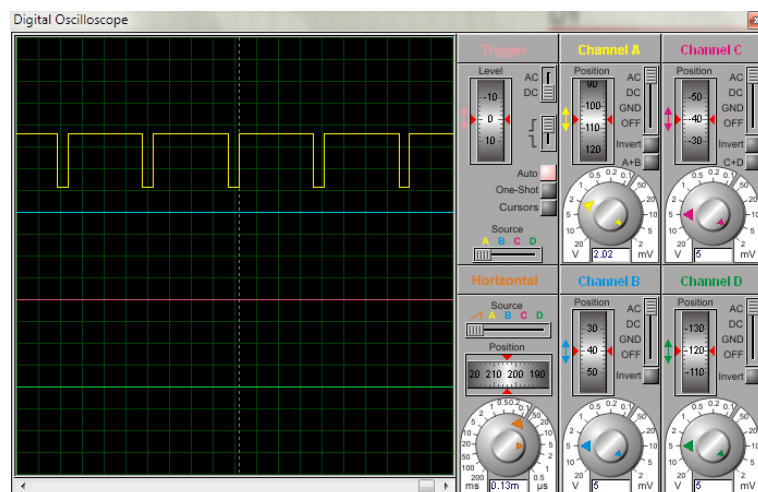
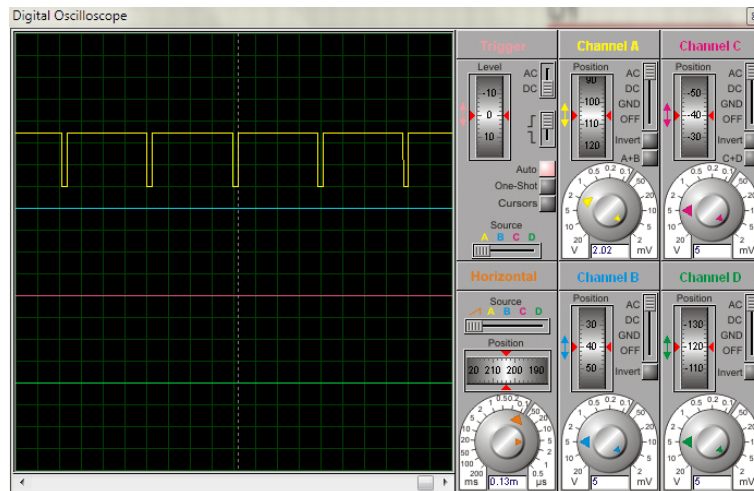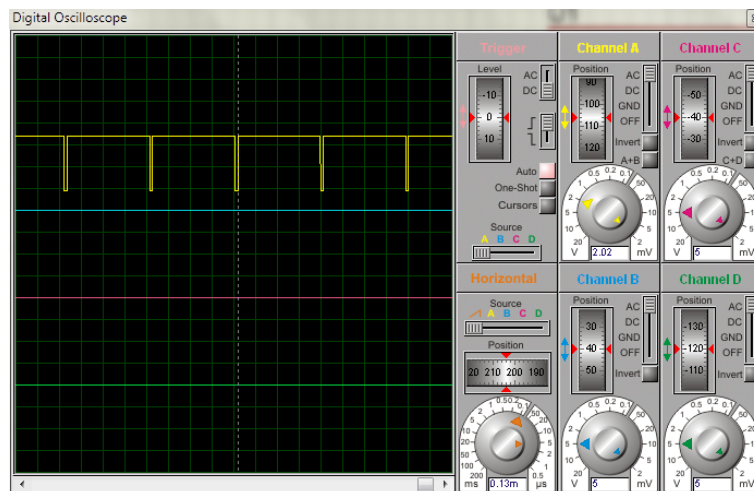2. SKEMATIK
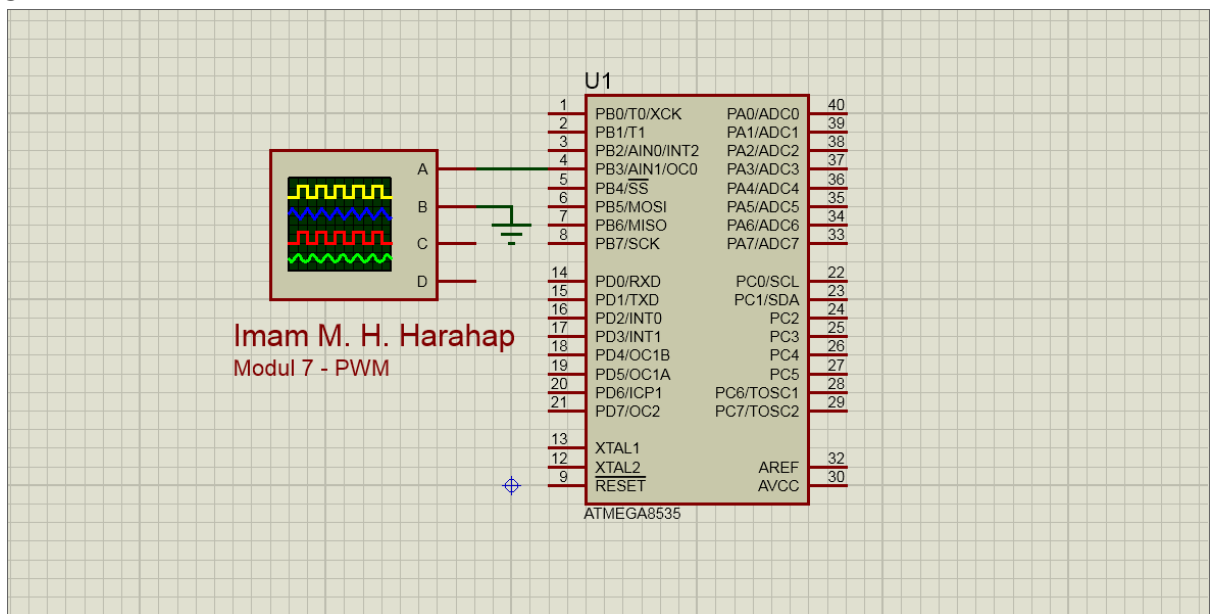
3. HASIL
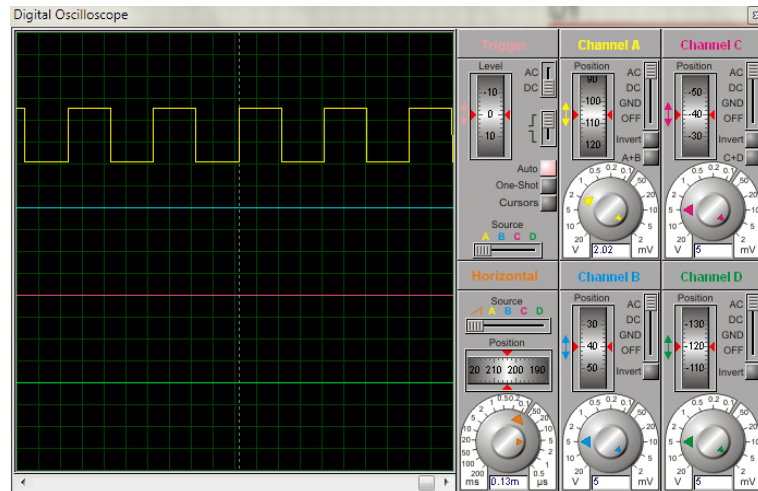
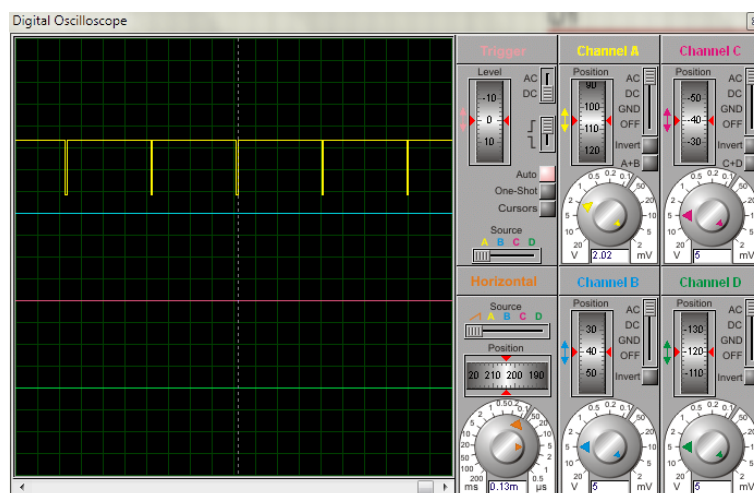OCR0=128 | 50% Duty Cycle

OCR0=64 | 75% Duty Cycle

OCR0=32 | 87,5% Duty Cycle

OCR0=16 | 93,75% Duty Cycle

OCR0=8 | 96,875% Duty Cycle

OCR0=4 | 98,4375% Duty Cycle