Lab Report Title

Author 1 (Fritzing)
Author 2 (Proteus)
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I. Introduction

Write your semester project introduction in this page.

#	Component Name	Model	Price (PKR)
1	Microcontroller	ATMega16	200
2	Breadboard	DDDDDD	100
		Total	

II. Diagram

Embed diagram from Fritzing and describe interconnections.

III. Simulation Model

Embed Proteus model here.

IV. Program Code

```c
#include <avr/io.h>
#include <util/delay.h>

int main( ) {

    unsigned int temp;
    DDRB = 0;    // Port B as input
    DDRC = 0xFF; // Port C as output

    while(1) {
        temp = PINB;   // Read Port B
        _delay_ms(10); // 10 msec delay
        PORTC = temp;  // Write to Port C
    }
    return 0;
}
```

V. **Photoshot**

Use mobile camera to take a snapshopt of group while working on the project and place here.

Idara-E-Said