**Project 3:**

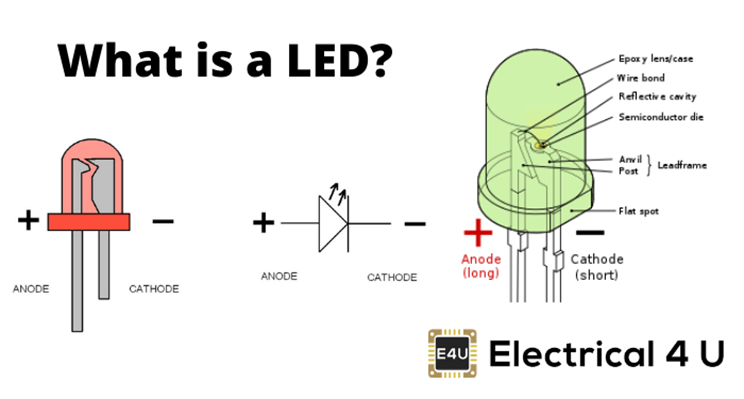
**Even and Odd blinking of LED**

**Description**: In this project, we will show how leds are blinking in even state and then the leds blink whose are at odd state.

**Required Hardware:**

* Arduino Uno.
* Breadboard.
* Jumper wire.
* 6 LED
* Resistor.
* USB type A/B.

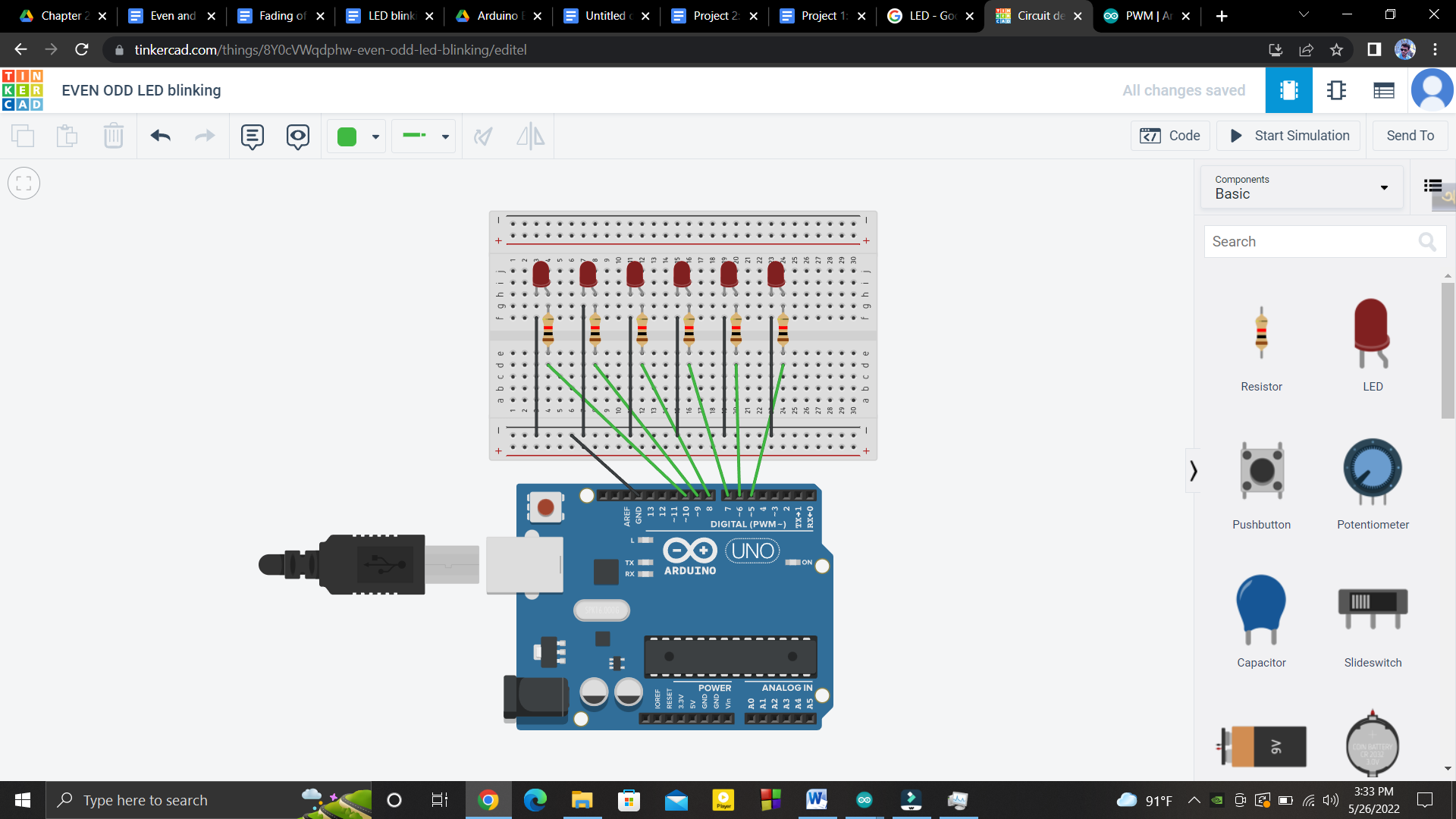
**LED**:



**PIN OF LED:**

* Led 1 Anode(+) to digital pin 5
* Led 2 Anode(+) to digital pin 6
* Led 3 Anode(+) to digital pin 7
* Led 4 Anode(+) to digital pin 8
* Led 5 Anode(+) to digital pin 9
* Led 6 Andoe(+) to digital pin 10

**Circuit Diagram:**



**Code:**

|  |
| --- |
| int pin[]={5,6,7,8,9,10}; int i;   int dly=600;   void setup() {   for(i=0;i<6;i++)   {     pinMode(pin[i], OUTPUT);   } }   void loop() {  for(i=0;i<6;i++)   {     if(i%2==0)  {  digitalWrite(pin[i], HIGH);    delay(dly);   digitalWrite(pin[i], LOW);     delay(dly);  }   }       for(i=0;i<6;i++)   {       if(i%2!=0)  {  digitalWrite(pin[i], HIGH);    delay(dly);   digitalWrite(pin[i], LOW);     delay(dly);  }   }     } |