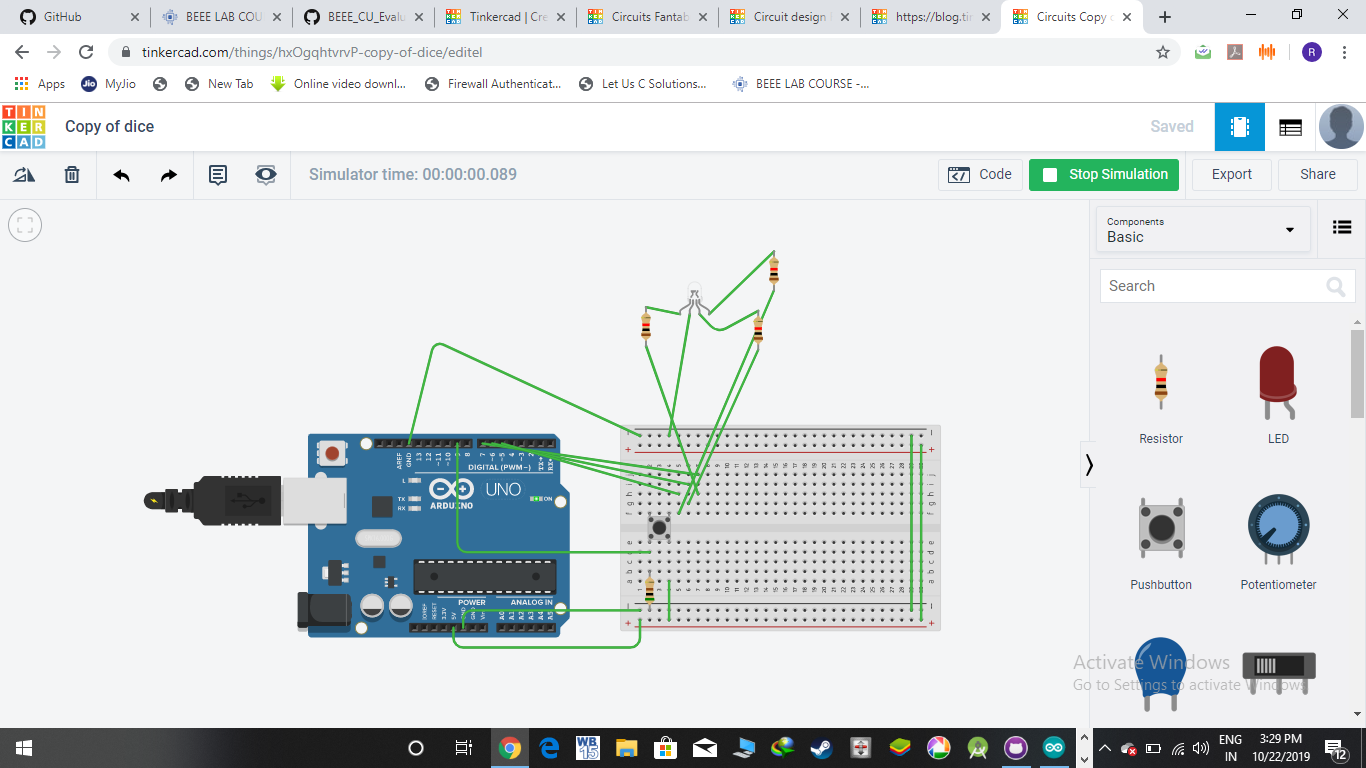
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UID:-19BEC1102

Branch:-ECE2-A

Aim:-Design a dice that displays a a. Red background when 6 comes up b. Green background when 4 comes up c. Blue background when 2 comes up.

Circuit Diagram::--



***CODE***

***int button = 0;***

***int x =0;***

***void setup()***

***{***

***pinMode(3, OUTPUT);***

***pinMode(4, OUTPUT);***

***pinMode(5, OUTPUT);***

***pinMode(9, INPUT);***

***}***

***void loop()***

***{***

***button = digitalRead(button);***

***if(button == HIGH)***

***{***

***x=x+2;***

***}***

***if(x==2)***

***{***

***digitalWrite(4 , HIGH);***

***delay(500);***

***}***

***if(x==4)***

***{***

***digitalWrite(5 , HIGH);***

***delay(500);***

***}***

***if(x==6)***

***{***

***digitalWrite(3 , HIGH);***

***delay(500);***

***}***

***}***