/\*

Experiment No. : 09

Statement : Lit an LED with brightness equal to 0%,

25%, 50%, 75%, 100% via serial monitor window.

Date of Exp. : xx/xx/xxxx

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/\* Code \*/

void setup() {

pinMode(3,OUTPUT);

Serial.begin(9600);

}

void loop(){

if (Serial.available()>0){

int a = Serial.read();

Serial.println(a);

switch (a)

{

case '1':

analogWrite(3, 64);

break;

case '2':

analogWrite(3, 128);

break;

case '3':

analogWrite(3 , 192);

break;

case '4':

analogWrite(3 , 255);

break;

}

}

}



