

/*

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

Author : Vedanti Pote (A-11)

Code Snippet

```
int led=3;
void setup(){
  pinMode(led,OUTPUT);
  Serial.begin(9600);
}

void loop(){
  if(Serial.available()>0){
    char key = Serial.read();

    if(key=='A')
      analogWrite(3,0);
    else if(key=='B')
      analogWrite(3,63);
    else if(key=='C')
      analogWrite(3,127);
    else if(key=='D')
      analogWrite(3,190);
    else if(key=='E')
      analogWrite(3,255);
  }
}
```



