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/*
Statement      :Lit an LED with brightness equal to 0%, 25%,
50%, 75%, 100% via serial monitor window.

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);
    }
}

```

}