

/*

Experiment No. : 11

Statement : To test all IOs on ESP8266 Witty Cloud Development Board.

Date of Exp. : xx/xx/xxxx

Author : Reva Dhiran (A-10)

*/

Code:

```
// pinout for wittyboard
```

```
#define led 2
```

```
#define red 15
```

```
#define green 12
```

```
#define blue 13
```

```
#define ldr A0
```

```
void setup() {
```

```
// put your setup code here, to run once:
```

```
pinMode(led,OUTPUT);
```

```
pinMode(red,OUTPUT);
```

```
pinMode(green,OUTPUT);
```

```
pinMode(blue,OUTPUT);
```

```
Serial.begin(9600);
```

```
}
```

```
void loop() {  
  // put your main code here, to run repeatedly:  
  digitalWrite(led,HIGH);  
  delay(100);  
  digitalWrite(led,LOW);  
  delay(100);  
  digitalWrite(red,HIGH);  
  delay(100);  
  digitalWrite(red,LOW);  
  delay(100);  
  digitalWrite(green,HIGH);  
  delay(100);  
  digitalWrite(green,LOW);  
  delay(100);  
  digitalWrite(blue,HIGH);  
  delay(100);  
  digitalWrite(blue,LOW);  
  delay(100);  
  Serial.println(analogRead(ldr));  
}
```

