Practical no: 11

Title: Create a simple web interface for Raspberry-Pi/Beagle board to control the connected LEDs remotely through the interface.

Name: Aditi Dinesh Mulay

Class: T.E. Computer

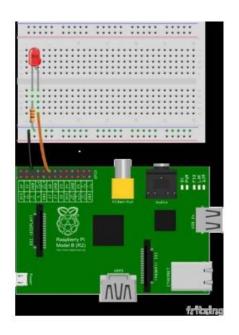
Subject: ES&IOT

Div: A

Roll no: 02

PRN No. 71918146B

	Esiot Practical 11	Aditi Dinesh Mway T.E. Comp DIV: Ad Roll no: 2
	Aim:	
	Create simple web interface for Raspberry-Pil Beagle board to control the connected LEO's remotely through the interface.	
	Theory	ertace
0	Wiring Pi	
	Wiring Pi is a PIN base written in C for the BCM Raspberry Pi It's released license and is usable from many other languages with	under the GNU LGPLV3 c. C++ and RTB as well a
	Install Wiring Pi	
0	Wiring P; is not include begin, you'll need to down! means your P; will need o either via Ethernet or Wifi download the latest version Git installed these comman	Connection to the Intert We can do using Git to in. As long as you have
	to download and install h	



Total			
GPIO Command Line Utility			
Task: Connect the LEG GND to short Pin GPI	018 to		
LongPio			
Remember: GPIOIS IS PIN 1 in Witing PI			
GPIO Command line Utility			
1. Glow the LED by value.			
3. gpio Write II	7		
2. Off the LED by			
gpio write 10			
Web Interface to LED			
 1. Create the front page using HTML which	h contain		
2. Control the data ilp from buttons using	PHP pag		
Conclusion -	0		
COLLCIADION			
 Thus, we have created simple web interf	ace for		
Raspberry - Pi/Beagle board to control the connected			
 LFD's remotely through the interface			