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Assignment No:- 11

Aim:- Create a simple web interface for Rasbessy -Pi / Beagle board to control the connected LED's remotely through interface.

Theory :-

wiring Pi :→
wiring pi is a PIN based GPIO access library written in c for BCM2835 used in Rasberry Pi. It is released under GNU LGPL V3 liscene and is usable form c c++ and RTB (BASIC) aswell as many other long' with suitable wrappers.

Install wining Pi :→
wining Pi is not included with Rasbion, so to begin, you will need to download and install it. That means your Pi will need a connection to internet.

Pi @ rasberry pi~ $ git clone git :// git .dragoin net/ wining gp.
Pi @ rasberry pi~ $ cd wining Pi

GPIO Command line utility:-
Task : Connect LED GND to short Pin GPZO18 to long Pin.
Remembers: GPZO18 IS PIN /in wining P1.
1. Glow the LED by value.
    gpio write 1

web interface to LED
1. Create front page using HTML which contains two buttons to put LED in ON or OFF state
2. Control data input from buttons using PHP page.

Conclusion :-
Thus, we have created simple web interface for Raspberry - Pi / Beigle board to control connected LEDs remotely through the interface