

```

# Define the pages (index) for the site
urls = ('/', 'index')
render = web.template.render('templates')

app = web.application(urls, globals())

# Define the buttons that should be shown on the form
my_form = form.Form(
    form.Button("btn", id="btnR", value="R", html="Red", class_="btnRed"),
    form.Button("btn", id="btnG", value="G", html="Green", class_="btnGreen"),
    form.Button("btn", id="btnO", value="0", html="-Off-", class_="btnOff")
)

# define what happens when the index page is called
class index:
    # GET us used when the page is first requested
    def GET(self):
        form = my_form()
        return render.index(form, "Raspberry Pi Python Remote Control")

    # POST is called when a web form is submitted
    def POST(self):
        # get the data submitted from the web form
        userData = web.input()

        # Determine which colour LedBorg should display
        if userData.btn == "R":
            print "RED"
            lbColour = "200" #Rgb
        elif userData.btn == "G":
            print "GREEN"
            lbColour = "020" # rGb
        elif userData.btn == "0":
            lbColour = "000"
            print "Turn LedBorg Off"
        else:
            print "Do nothing else - assume something fishy is going on..."

        # write the colour value to LedBorg (see www.piborg.com)
        LedBorg = open('/dev/ledborg', 'w')
        LedBorg.write(lbColour)
        print lbColour
        del LedBorg

        # reload the web form ready for the next user input
        raise web.seeother('/')

# run
if __name__ == '__main__':
    app.run()

```

templates/index.html

```

$def with (form, title)
<!doctype html>
<html>
  <head>
    <title>${title}</title>
    <link rel="stylesheet" type="text/css" href="/static/styles.css">
  </head>
  <body>
    <br />
    <form class="form" method="post">
      ${form.render()}
    </form>
  </body>
</html>

```

Try adding a Random button to output any one of the 27 possible colours from LedBorg shown in the image at the bottom of the previous page.

Web.py supports several other form elements including drop-down lists