Switch between two frames in tkinter

Code

```
try:
    import Tkinter as tk
except:
    import tkinter as tk

class SampleApp(tk.Tk):
    def __init__(self):
        tk.Tk.__init__(self)
        self._frame = None
        self.switch_frame(StartPage)

    def switch_frame(self, frame_class):
        new_frame = frame_class(self)
        if self._frame is not None:
            self._frame.destroy()
        self._frame = new_frame
        self._frame.pack()

class StartPage(tk.Frame):
    def __init__(self, master):
        tk.Frame.__init__(self, master)
        tk.Label(self, text="Start page", font=('Helvetica', 18,
"bold")).pack(side="top", fill="x", pady=5)
        tk.Button(self, text="Go to page one",
                  command=lambda: master.switch_frame(PageOne)).pack()
        tk.Button(self, text="Go to page two",
                  command=lambda: master.switch_frame(PageTwo)).pack()

class PageOne(tk.Frame):
    def __init__(self, master):
        tk.Frame.__init__(self, master)
        tk.Frame.configure(self,bg='blue')
        tk.Label(self, text="Page one", font=('Helvetica', 18,
"bold")).pack(side="top", fill="x", pady=5)
        tk.Button(self, text="Go back to start page",
                  command=lambda: master.switch_frame(StartPage)).pack()

class PageTwo(tk.Frame):
    def __init__(self, master):
        tk.Frame.__init__(self, master)
        tk.Frame.configure(self,bg='red')
        tk.Label(self, text="Page two", font=('Helvetica', 18,
"bold")).pack(side="top", fill="x", pady=5)
        tk.Button(self, text="Go back to start page",
                  command=lambda: master.switch_frame(StartPage)).pack()
```

```
if __name__ == "__main__":
    app = SampleApp()
    app.mainloop()
```

ADD TKINTER LINK OR HYPERLINK

Code

```
try:
    from Tkinter import Label
    from ttk import Style
    from tkFont import Font, nametofont
except ImportError:
    from tkinter import Label
    from tkinter.ttk import Style
    from tkinter.font import Font, nametofont

def get_background_of_widget(widget):
    try:
        # We assume first tk widget
        background = widget.cget("background")
    except:
        # Otherwise this is a ttk widget
        style = widget.cget("style")

        if style == "":
            # if there is not style configuration option, default style is the same
than widget class
            style = widget.winfo_class()

        background = Style().lookup(style, 'background')

    return background

class Link_Button(Label, object):
    def __init__(self, master, text, background=None, font=None, familiy=None,
size=None, underline=True, visited_fg = "#551A8B", normal_fg = "#0000EE",
visited=False, action=None):
        self._visited_fg = visited_fg
        self._normal_fg = normal_fg

        if visited:
            fg = self._visited_fg
        else:
            fg = self._normal_fg

        if font is None:
            default_font = nametofont("TkDefaultFont")
            family = default_font.cget("family")

            if size is None:
                size = default_font.cget("size")

            font = Font(family=family, size=size, underline=underline)
        Label.__init__(self, master, text=text, fg=fg, cursor="hand2", font=font)

        if background is None:
            background = get_background_of_widget(master)

        self.configure(background=background)

        self._visited = visited
        self._action = action

        self.bind("<Button-1>", self._on_click)

    @property
    def visited(self):
        return self._visited

    @visited.setter
    def visited(self, is_visited):
        if is_visited:
            self.configure(fg=self._visited_fg)
            self._visited = True
        else:
            self.configure(fg=self._normal_fg)
            self._visited = False

    def _on_click(self, event):
        if not self._visited:
            self.configure(fg=self._visited_fg)

        self._visited = True

        if self._action:
            self._action()


if __name__ == "__main__":
    import webbrowser

    try:
        from Tkinter import Tk, Frame
    except ImportError:
        from tkinter import Tk, Frame

    def callback():
        webbrowser.open_new(r"http://www.google.com")

    root = Tk()
    frame = Frame(root, bg="white")
    frame.pack(expand=True, fill="both")

    link = Link_Button(frame, text="Google Hyperlink", action=callback)
    link.pack(padx=10, pady=10)
    root.mainloop()
```