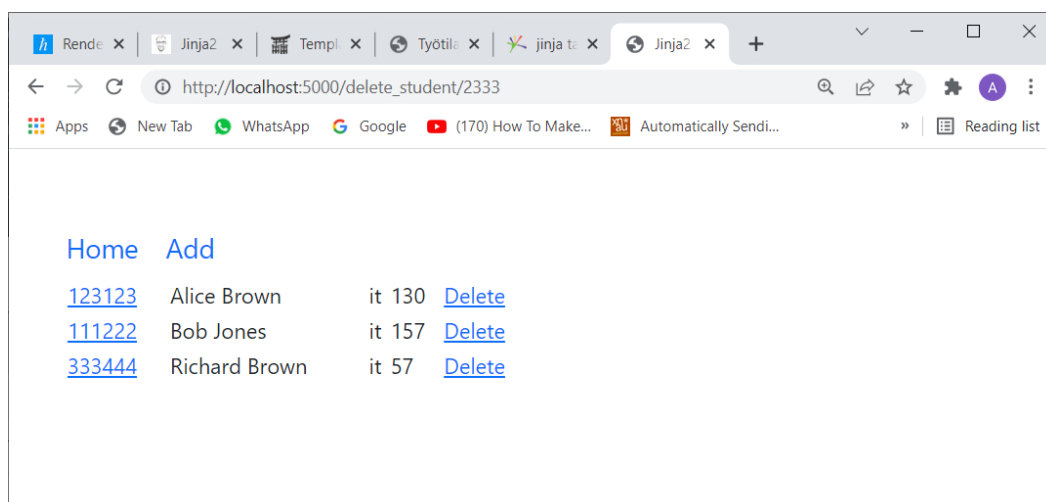


### Exercise 3 – MAX 5p

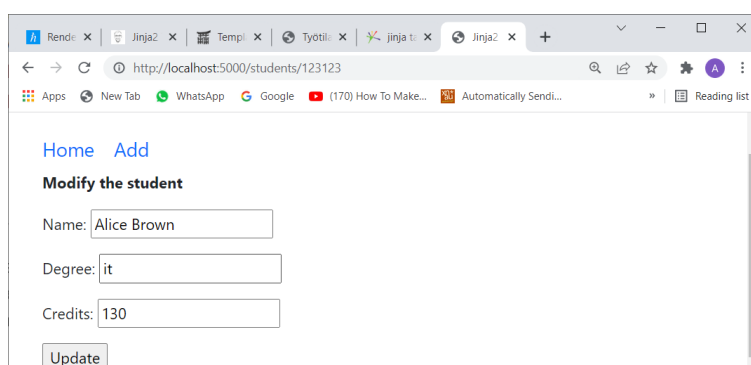
1. Implement the following web application using flask and jinja2 template engine. (2p)  
Create a home page with two navigation links: "Home" and "Add". You should also create base.html file and benefit inheritance when creating home.html. You should also show all the students on home.html page.  
Data can be defined as a list in the flask code.

```
from flask import Flask, request, jsonify, make_response, render_template
app = Flask(__name__)
```

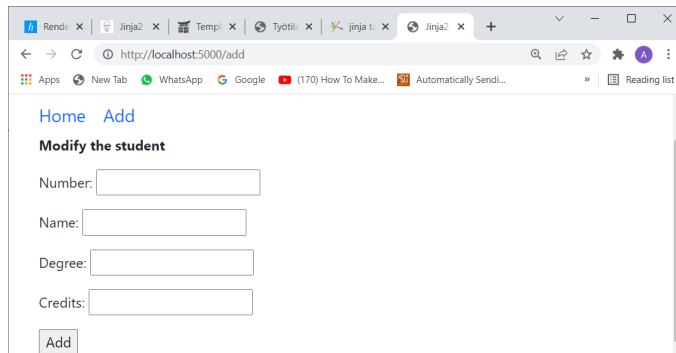
```
students = [
    {"student_number": 123123,
     "name": "Alice Brown",
     "credits": 130,
     "degree": "it"},
    {"student_number": 111222,
     "name": "Bob Jones",
     "credits": 157,
     "degree": "it"},
    {"student_number": 333444,
     "name": "Richard Brown",
     "credits": 57,
     "degree": "it"}
]
```



2. When user clicks the student number the add.html page will be shown with the student information. When user presses update button, the home.html is shown again with modified information. Student number can not be modified (it can be as a hidden input on the form). (1p)



3. When user selects "Add" from the navigation menu, add.html page will be shown (example below) .After user presses Add button all the students will be shown on home.html page again. (1p)



The screenshot shows a web browser window with the address bar displaying `http://localhost:5000/add`. The page has a navigation menu at the top with two links: [Home](#) and [Add](#). Below the menu is a form titled **Modify the student**. The form contains four input fields:   
Number:   
Name:   
Degree:   
Credits:   
At the bottom of the form is an  button.

4. Create the functionality also for delete link on the home page. (1p)