



## ***Study***

### **Exercise 1:**

- Create a NEW flask app
- Add route “/about-me” (<http://127.0.0.1:5000/about-me/>) so that when users open this route, it shows some information about yourself:  
Name, work, school, hobbies, even your dog or your crush. Do whatever you like with this page
- Add route “/school” (<http://127.0.0.1:5000/school>) so that when users open this route, it automatically redirect them to <http://techkids.vn>

Hint: Google “flask redirect”



## ***Serious exercises***

### **Exercise 1:**

- Create a NEW Flask App
- Create a route to calculate BMI (**B**ody **M**ass **I**ndex) of a person with this URL format:

*/bmi/weight/height(in centimeter)*

The route must show the **calculated BMI AND their condition** as following:

BMI < 16 : Severely underweight

16 <= BMI < 18.5: Underweight

18.5 <= BMI < 25: Normal

25 <= BMI < 30: Overweight

BMI > 30: Obese

Do this in 2 ways: With AND without using `render_template()` function

### **Exercise 2:**

- Create a NEW Flask App
- At `/user/<username>` route, return a page showing respective user profile (name, gender, age, hobbies, ...) if the requested username doesn't exist return "User not found" message

Hint: scroll to the last page





User list's data structure should look like this:

```
users = {  
    "quan" : {  
        "name" : "Nguyen Anh Quan",  
        "age" : 16  
    },  
    "tuananh" : {  
        "name" : "Huynh Tuan Anh",  
        "age" : 23  
    }  
}
```