

HTML

```
for object to mirror_mod.mirror_object
operation == "MIRROR_X":
    mirror_mod.use_x = True
    mirror_mod.use_y = False
    mirror_mod.use_z = False
operation == "MIRROR_Y":
    mirror_mod.use_x = False
    mirror_mod.use_y = True
    mirror_mod.use_z = False
operation == "MIRROR_Z":
    mirror_mod.use_x = False
    mirror_mod.use_y = False
    mirror_mod.use_z = True
```

```
selection at the end -add
    one.select= 1
    mirror_ob.select=1
    context.scene.objects.active = mirror_ob
    ("Selected" + str(modifier.name))
    mirror_ob.select = 0
    bpy.context.selected_objects = [mirror_ob]
    data.objects[one.name].select = 1
    print("please select exactly one object")
```

-- OPERATOR CLASSES -----

```
bpy.types.Operator):
    @classmethod
    def poll(cls, context):
        if context.selected_objects:
            return True
        return False
    def execute(self, context):
        mirror_mod = context.object.mirror_mirror_x
        mirror_mod.mirror_x = True
```



Make a login form:

Create an HTML file (login.html).

Create a CSS file (login.css).

Link login.css to login.html.

Your output should be a something looks like this.



Username or Email Address

Password

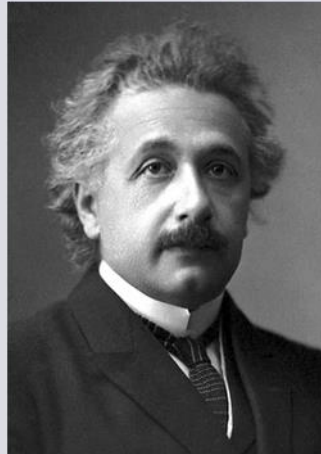
☐ Remember Me

Log In

2. Try to clone this web page

Albert Einstein

$$(E=mc^2)$$



Physicist, Scientist (1879–1955)

10 Things You Didn't Know About Albert Einstein:

- He never failed math. This is a popular “fact” promoted on the internet, maybe in an attempt to relate to genius. However, it is simply not true. Overall, Einstein was an average student, but math was one area where he excelled, unsurprisingly.
- Einstein encouraged the development of the nuclear bomb. His involvement is often misinterpreted, with some claiming that he helped create the atom bomb. In reality, what he did was write a letter to President FDR encouraging him to begin work on such a weapon, which led to the Manhattan Project. Although a dedicated pacifist and, later, an anti-nuke spokesman, Einstein was convinced that America needed the atomic bomb before the Nazis.
- He was a great musician. If the whole “genius” thing didn’t work out, Einstein could have become a violinist. His mother played piano so he had the love of music instilled in him—via violin lessons—at the young age of five.
- He could have been the President of Israel. When Israel’s first president, Chaim Weizmann, died, Einstein was offered the position, but he declined.

3. In the first question, add the following:

1. Create an HTML page (home.html).
2. home.html only contains a welcoming message.
3. If the user clicks on login, redirect the user to the page we have created earlier (home.html).

Hint: This is can be done easily with an ***HTML form***

4. Create a simple resume with HTML and style it with an external CSS file.

Your resume should contain your personal info such as:

- Name
- Birth Date
- Address
- Education
- Phone number
- Avatar (right aligned)
- Hobbies List

5. In your words, describe how the web works (request and response) what happens when you type a URL in your browser.

★ ★ You should have a solid understanding of this topic; I will discuss this with you in private.

Thank you

