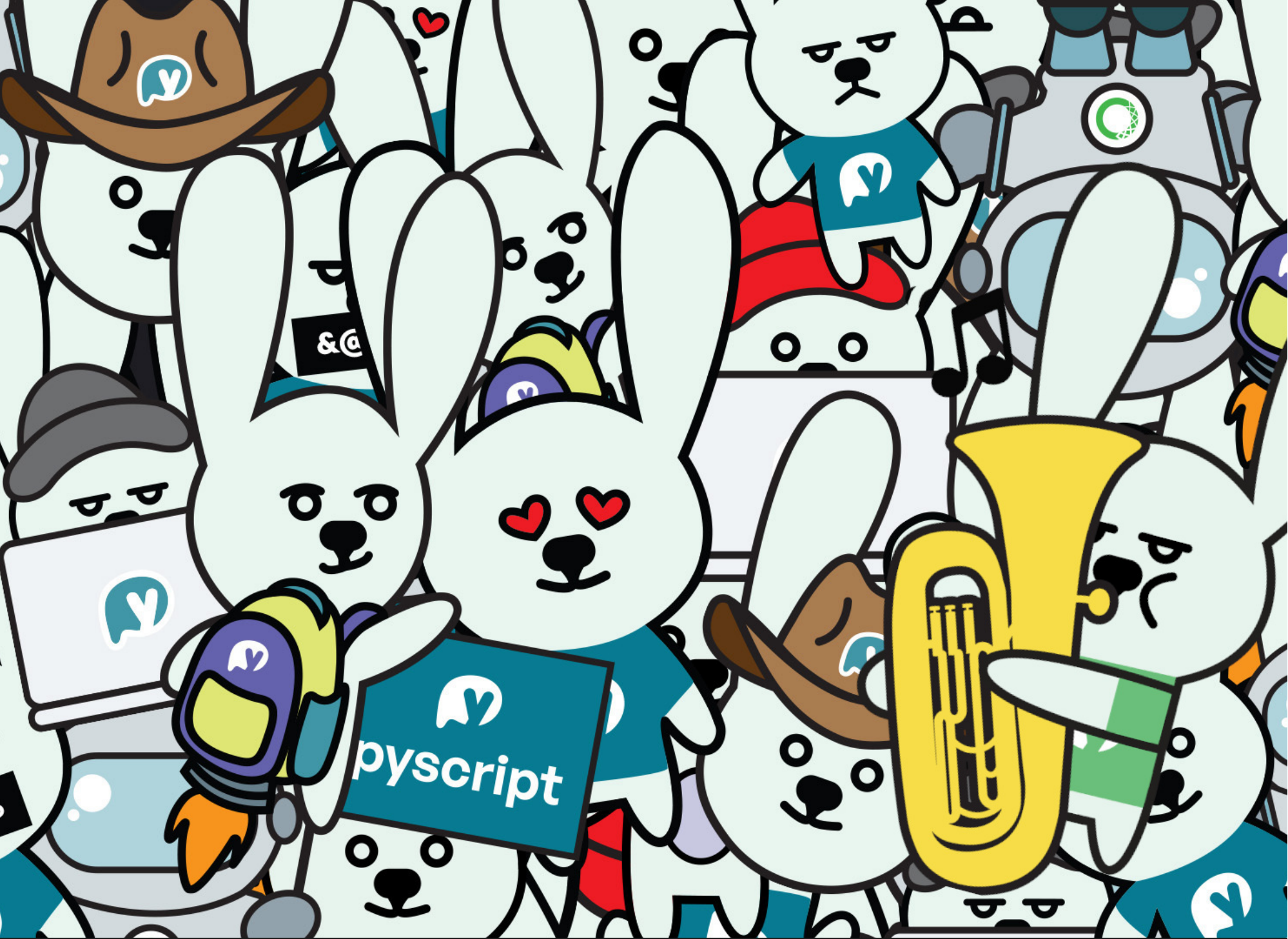


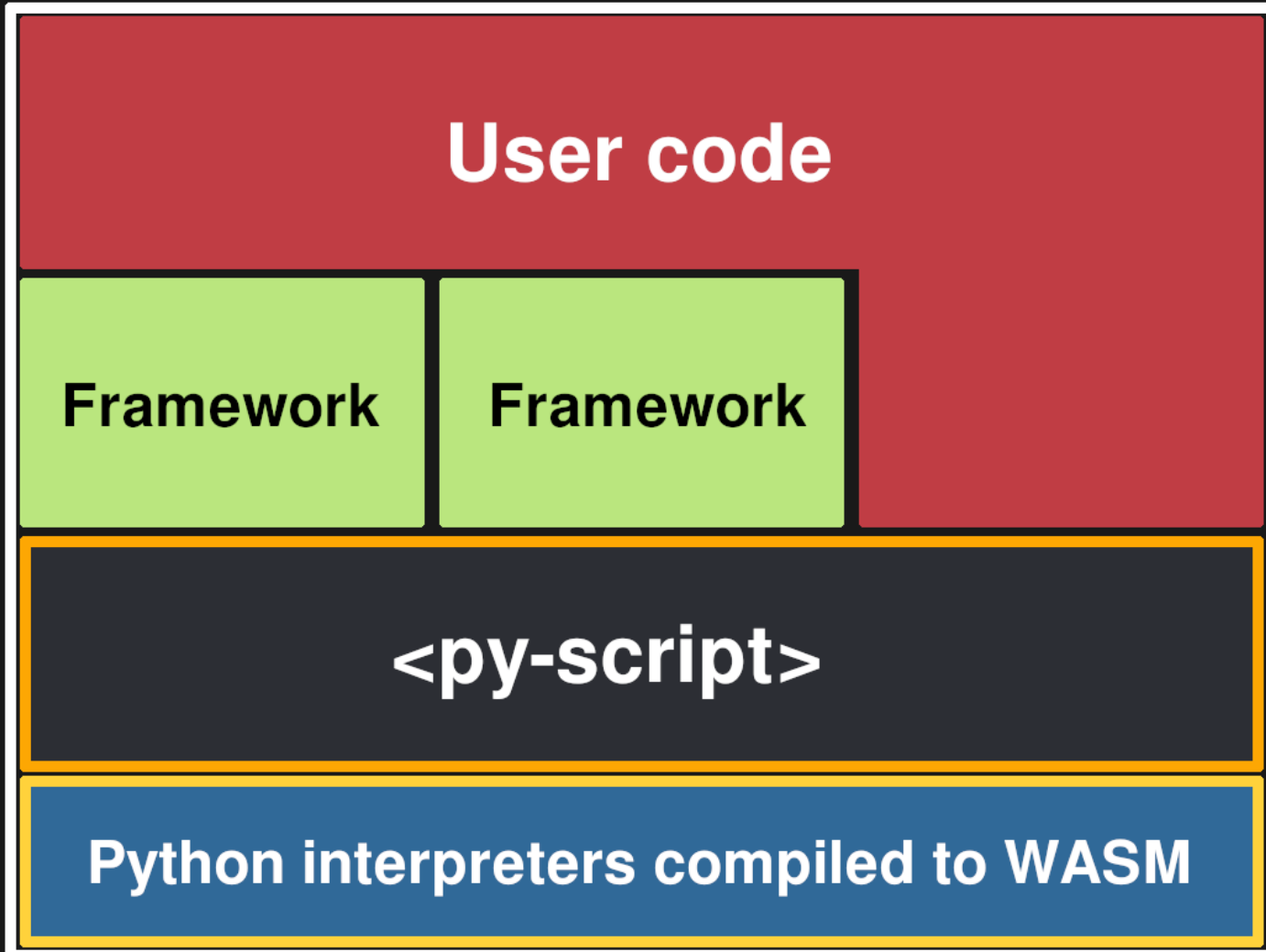
PYSCRIPT  





pyscript

The browser



QUESTION:

You want to share this Python app with Grandma.

```
print("Hello, world!")
```

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HOW?

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```
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HOW?





NOW YOU HAVE
PISSED
OFF
GRANDMA!



PYSCRIPT IS...

**...A PLATFORM FOR PYTHON
IN THE BROWSER.**

PyBunny 🐰



<https://tinyurl.com/h66e32nk>



emscripten

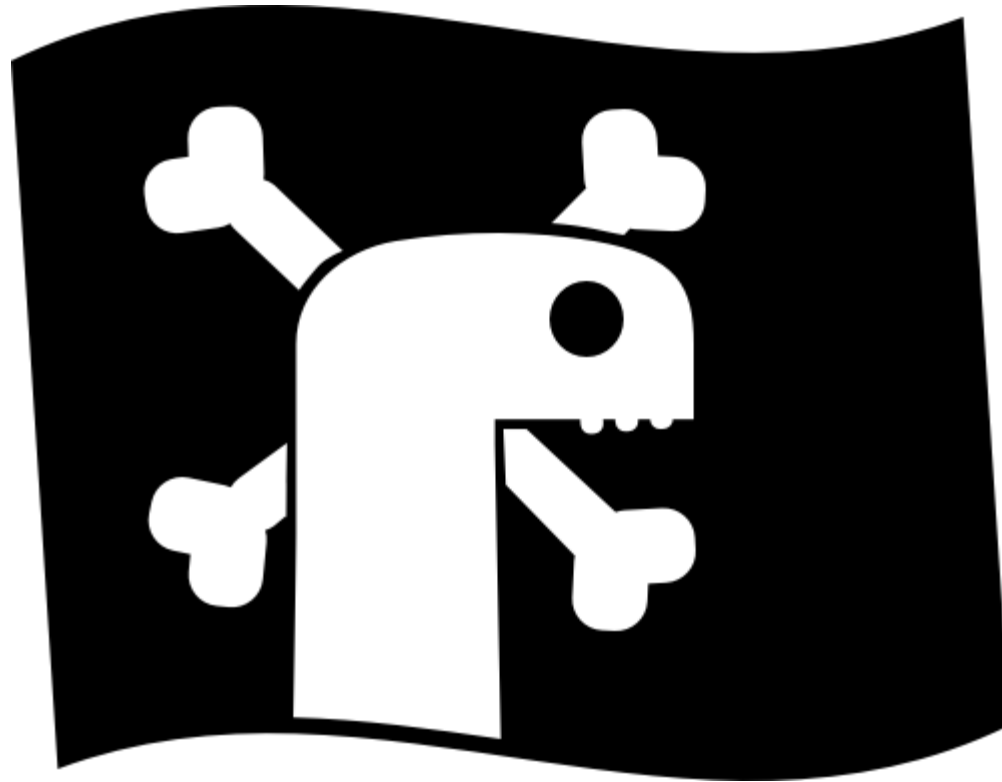


Session Subject:

Packaging Meet & Great

Details (summary, contact info, etc.):

Packaging is great
and fun and there
are never any problems.



arrrr.py

Polyglot   

<https://ntoll.pyscriptapps.com/piratical/latest/>

RUNTIMES

RUNTIMES



RUNTIMES



RUNTIMES



Pyodide



MicroPython



Lua

RUNTIMES



Pyodide



MicroPython



Lua



Ruby

RUNTIMES



???

```
<div class="wrap__right">
  <div class="wrap__right">
    <a href="#">
    <a href="#">
  </div>
</div>
</div>
</div>
</div>
<div class="wrap__2stroke">
  <div class="second">
    <div class="second_content">
      <div class="block">
        <h3>
          alt="
        </div>
      </div>
    </div>
  </div>
</div>
```

```
style.css ● # main.css
> css > # style.css > ...
background-color: #3b3b3b;
```

```
import js # globalThis
```

```
from pyscript import window
```



```
from pyscript import document
```

```
<button id="click-me">Click me! 🐭</button>
```

```
from js import document
```

```
def handler(e):
```

```
    """
```

```
    It's just Python! Access the DOM!
```

```
    """
```

```
    output = document.createElement("span")
```

```
    output.innerHTML = "🖱️"
```

```
    document.body.appendChild(output)
```

```
button = document.querySelector("button#click-me")
```

```
button.addEventListener("click", handler)
```

Clicky Mouse-o-Matic 🐭

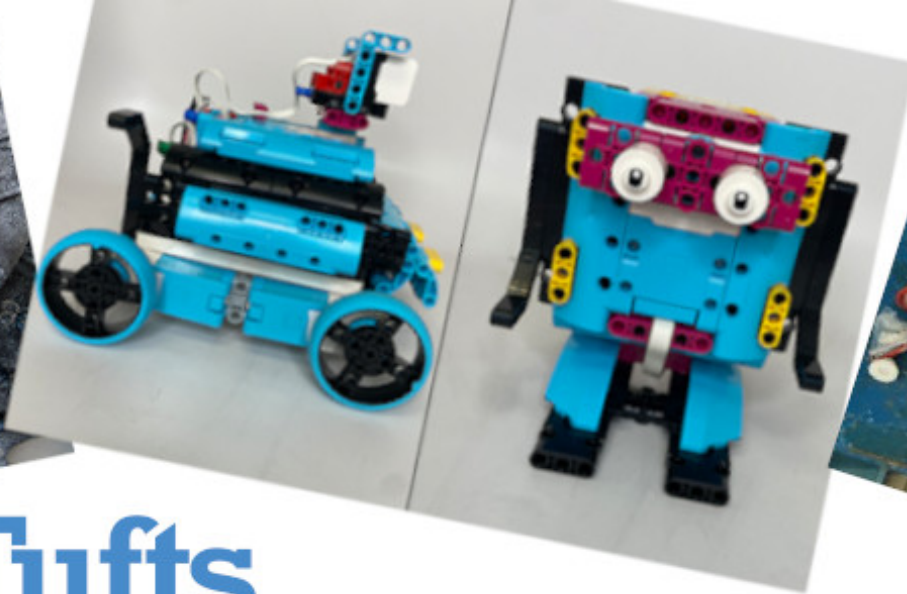


<https://tinyurl.com/yc4hjz33>

Lights 📡 Cameras 🎥 Action 😄



<https://tinyurl.com/4dtpmrcw>



Tufts
UNIVERSITY

School of Engineering
Center for Engineering
Education and Outreach





eb worker



← maint

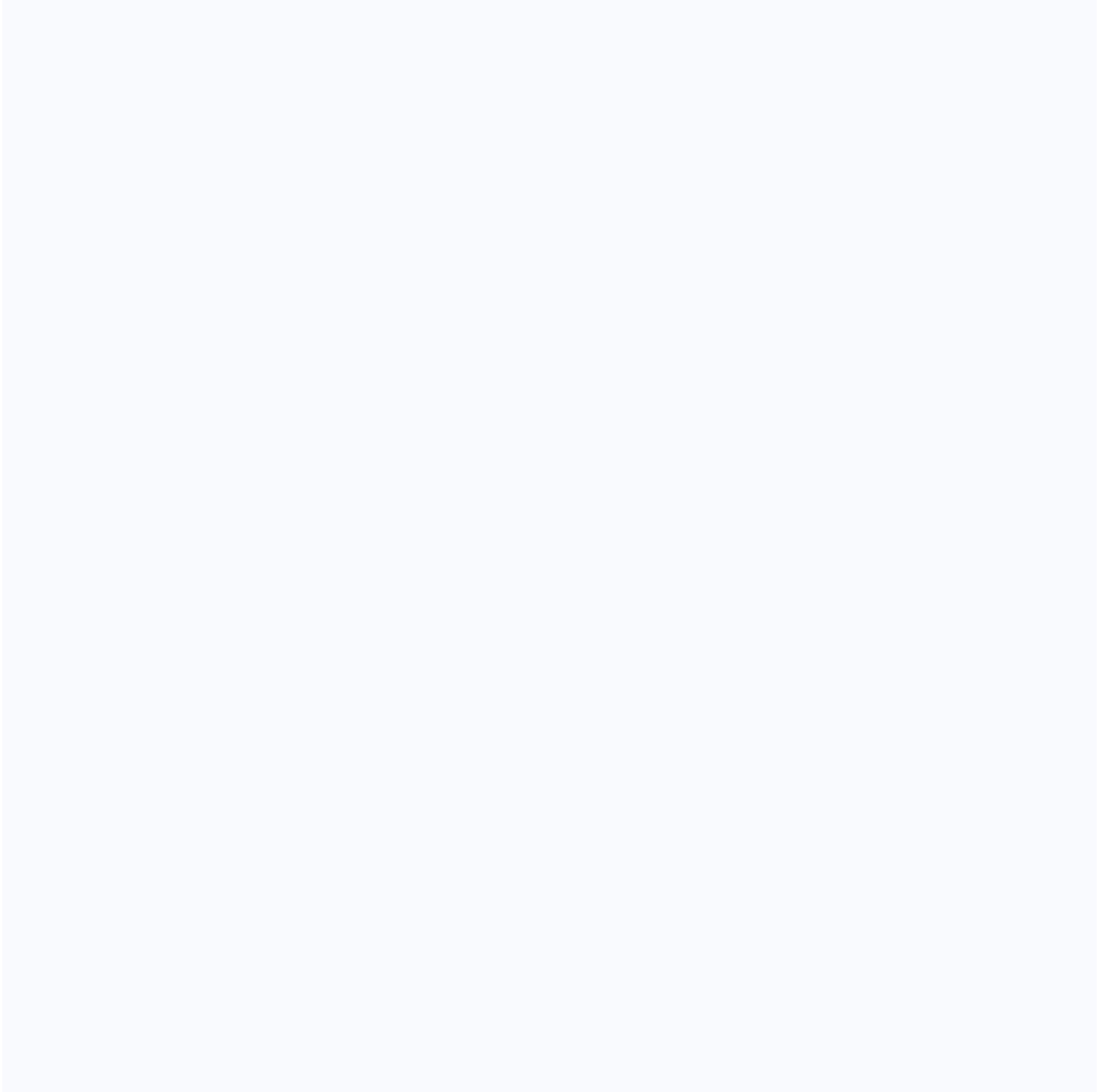
```
from pyscript import document
import time

counter = document.getElementById("counter")
i = 1

while True:
    counter.innerHTML = str(i)
    time.sleep(1)
    i += 1
```




<https://ntoll.pyscriptapps.com/worker-mcworkface/>



chon

Imagine
the
potential



Brows



FINAL THOUGHTS

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- PyScript is a *platform*.

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FINAL THOUGHTS

- PyScript is a *platform*.
- It runs everywhere a browser runs.
- Anything a browser can do, so can PyScript.
- Write code and frameworks on PyScript.
- It's open source... come play!
- For the 99% (not just coders).



WHAT'S NEXT?

- Sign up to <https://pyscript.com/>
- Read <https://docs.pyscript.net/>
- Experiment, play, break stuff!
- Join the community on discord.

QUESTIONS..?

TL;DR:

pyscript.com - try 

docs.pyscript.net - docs 

discord.gg/HxvBtukrg2 - chat 

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