

Day 15 - There's a Python in my stocking!

This going to be a simple challenge about python only so let's quickly go through it

Question: What's the output of True + True?

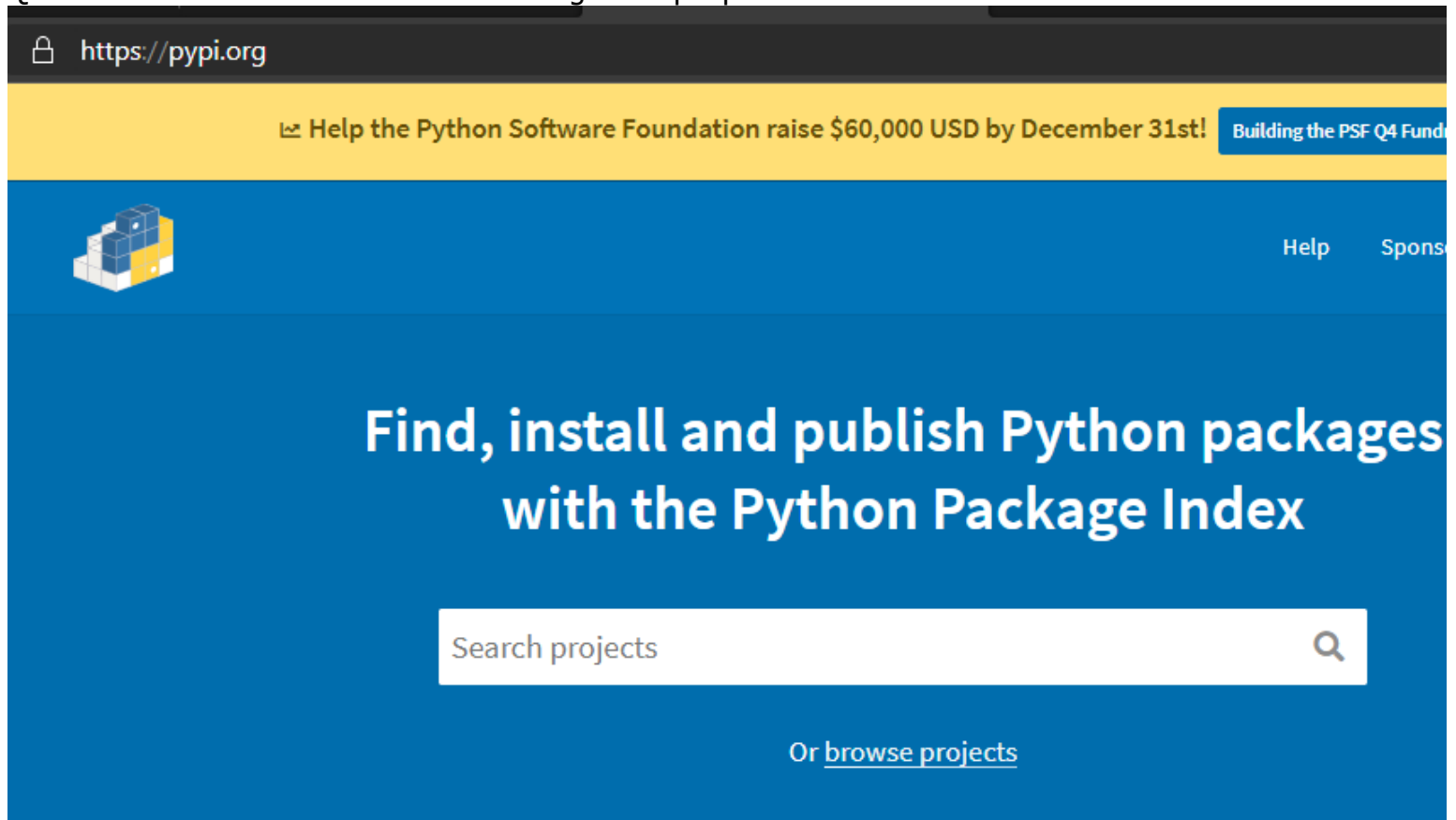
True = 1

1+1 = 2

```
type "help", "cop
>>> True + True
2
```

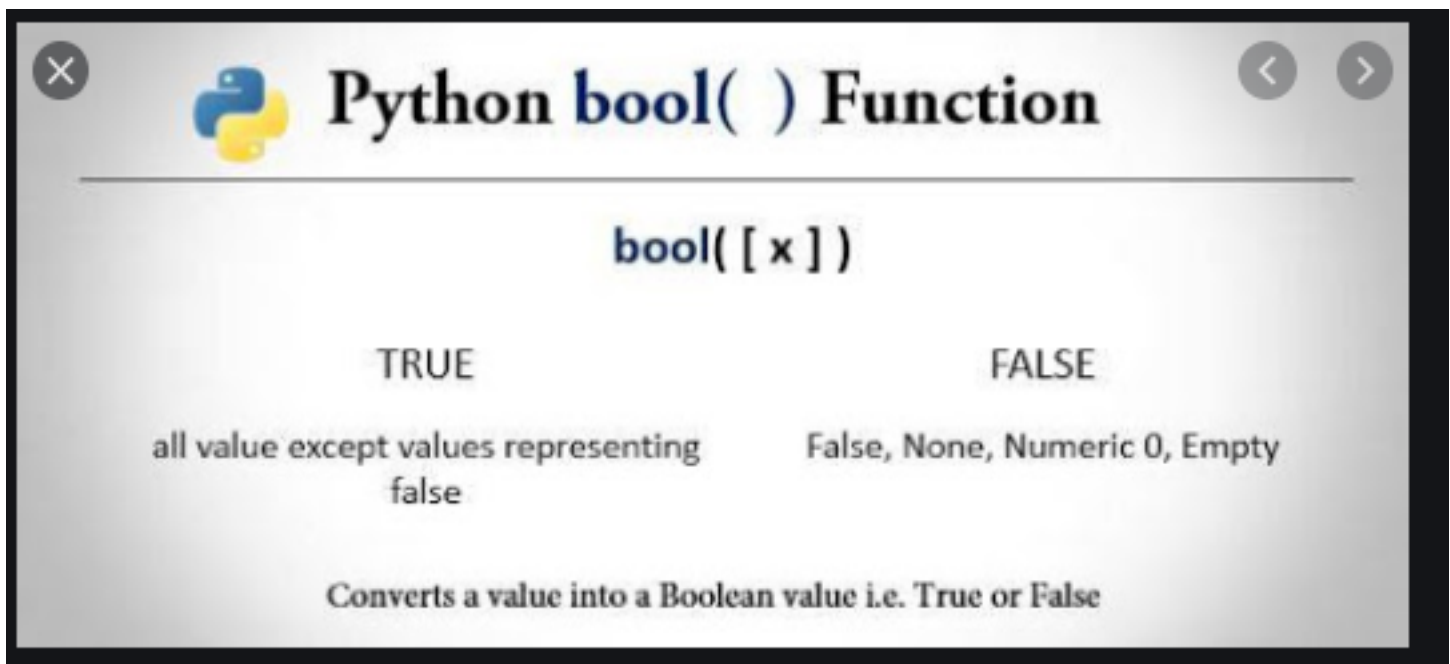
2

Question: What's the database for installing other peoples libraries called?



-PyPi

Question: What is the output of bool("False")?



boolean of string "False", it'll return True

-True

Question: What library lets us download the HTML of a webpage?

-requests

Question: What is the output of the program provided in "Code to analyse for Question 5" in today's material?

Code to analyse for Question 5:

```
x = [1, 2, 3]
```

```
y = x
```

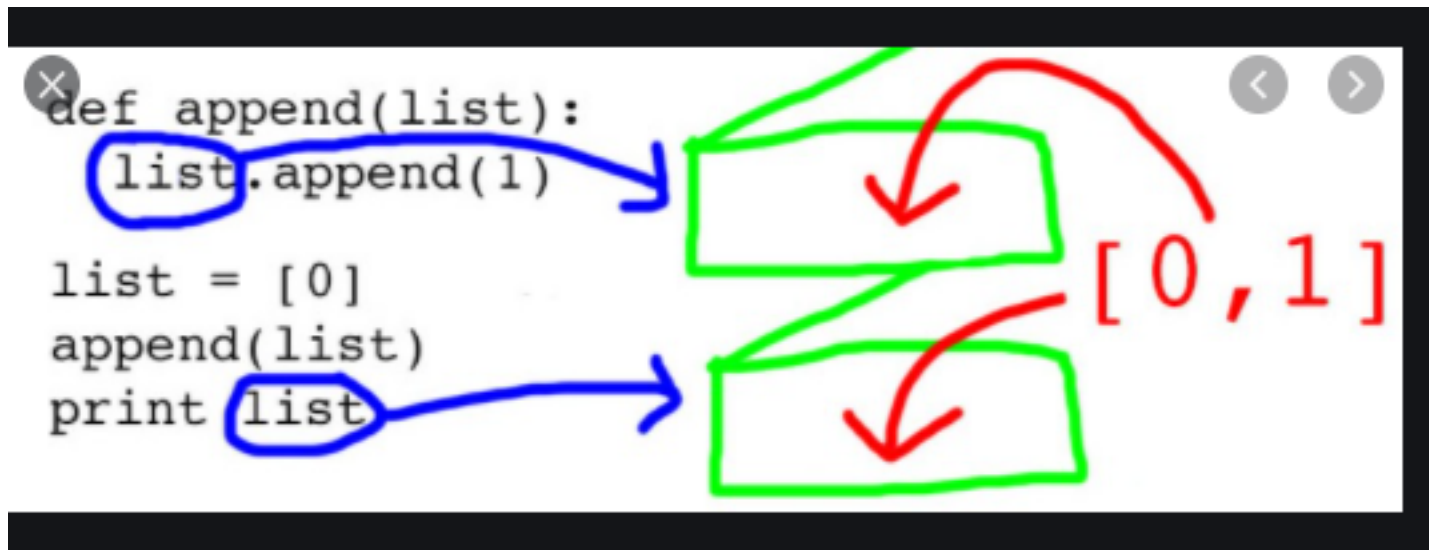
```
y.append(6)
```

```
print(x)
```

assign 1,2,3 list into x
copy the value in x var to y
append value '6' into y

so it'll be 1,2,3,6 if we print x (because in python every value in python was a reference which is a pointer to an

Every **value** in **Python** is a **reference** (pointer) to an object. Objects cannot be values. Assignment always **copies** the **value** (which is a pointer); two such pointers can thus point to the same object. Objects are never **copied** unless you're doing something explicit to **copy** them. Mar 14, 2012



-[1, 2, 3, 6]

Question: What causes the previous task to output that?
-pass by references