

# Exercise: sleep\_in

```
sleep_in(False, False) # => True
sleep_in(True, False)  # => False
sleep_in(False, True)  # => True
```

- Write a function **sleep\_in** with two parameters
- The first parameter is whether or not it's a weekday
- The second parameter is whether or not it's a holiday
- The function returns whether or not you can sleep in late that day
- If it's not a weekday or a holiday, it must be a weekend: you can sleep in! (function returns **True**)
- If it's a weekday but not a holiday, it returns **False** (you can't sleep in)
- If it's not a weekday and it's a holiday, it returns **True**, so you can sleep in

# Lists

- Lists (or arrays) are useful when you want to order items or go through them one at a time
- You can mix different types within a Python list
- Append items on the end with **append()**
- Remove items with **pop(index)**
- Get an item by putting its index in square brackets: **my\_list[3]**

```
my_list = [1, 'a', 4, 'hello', 'world', 6]
my_list.append('foo')
for item in my_list:
    print(item)
print('Item at index 3:', my_list[3])

'''
1
a
4
hello
world
6
foo
Item at index 3: hello
'''
```