

Learning Exercise: Reading Ifs

Try to predict what the code will do *without* running it...

code/if.py

```
lists.py × for2.py × if.py ×
1 ▶ # What does this program output when it's ...
2   # 1. Monday?
3   # 2. Saturday?
4   # 3. Sunday?
5   # 4. Raining?
6
7   DoW = input("What day is it?")
8   # DoW = "Monday"
9
10  if DoW == "Saturday":
11      print("Wake up at 9 am")
12  elif DoW == "Sunday":
13      print("Wake up at 10 am")
14  else:
15      print("Wake up at 7 am")
```

Questions:

1. Write what each line should print next to the code above for the 4 example inputs on lines 2—5. Consult with a peer **before** running the example if possible. Were your hypotheses correct? Why or why not?
2. Revise the program above so that the user can also enter:
 - a. saturday or sunday
 - b. satURday or SunDAY