Databases – Reminders

• Select data from the database as follows:
  SELECT <column_names>  FROM <table>

• What if I want to select all columns?
  • Use * in place of <column_names>

• What if I want to select two columns?
  • Use their names separated by comma.
fetchone() versus fetchall()

• What’s the difference? Assume `cur` refers to our database cursor.

  • `cur.fetchone()` returns:
    • a tuple

  • `cur.fetchall()` returns
    • a list of tuples
Selecting w/ a WHERE condition

SELECT <column_names>  FROM <table> WHERE <query conditions>

• Use column names in query conditions
• You can use the following operators:
  • =  # Attention! Note how this is different than Python’s ==
  • !=
  • >, <, >=, <=

• You can combine multiple conditions using:
  • AND, OR, NOT