Spoken Tutorial, IIT Bombay <u>https://spoken-tutorial.org</u> Python 3.4.3 Sets in Python-Assignments

Assignment-1

1. Given a list of marks, marks = [20, 23, 22, 23, 20, 21, 23] List all the duplicate marks.

Assignment-2

If a = [1, 1, 2, 3, 3, 5, 5, 8], what is set(a) ?
▶ {1, 1, 2, 3, 3, 5, 5, 8}
▶ {1, 2, 3, 5, 8}
▶ {1, 2, 3, 3, 5, 5}

- ➢ Error
- 2. Given odd and squares as shown. odd = set([1, 3, 5, 7, 9]) squares = set([1, 4, 9, 16]) How do you find the symmetric difference of these two sets?
- 3. If a is a set, how do you check if a variable b exists in a?