Computer Science 101

with Susan Rodgers and Yesenia Velasco

Topics Covered

- Python Data, Variables, operators
- Functions
- Conditionals (if), logic operators
- Looping structions (for, while)
- Turtle Graphics

- Strings
- Lists, Tuples
- Files
- Sets, Dictionaries
- Recursion

We Work On:

- WOTOs
- Programming Assignments
- Exams

- Labs
- Sakai Quizzes
- APTs

You won 0 game(s) and lost 1

```
The parameter contributions is a list of strings,
return stringthat is name of most
generous donor. See description for details.

"""

contributors = {}
for contribution in contributions:
    name_amount = contribution.split(":")
    donor_name = name_amount[8]
    donor_contribution = float(name_amount[1])
    if donor_name in contributors:
        contributors[donor_name] += donor_contribution
    else:
        contributors[donor_name] = donor_contribution
largest_contribution = -1
for donor_name, donor_contribution in contributors.items():
    if donor_contribution > largest_contribution:
        largest_contribution = donor_contribution
        largest_contribution = largest_contribution:
        largest_contribution == largest_contribution:
        largest_contribution:
        largest_contribution.append(donor_name)
    return min(largest_contributors)
```

"Microsoft knows that reliable software is not cost effective. According to studies, 90% to 95% of all bugs are harmless.

They're never discovered by users, and they don't affect performance. It's much cheaper to release buggy software and fix the 5% to 10% of bugs people find and complain about."

- Bruce Schneier