CS 160
CS Orientation

More Functions and Lists...
Odds and Ends

- Assignment #8 grading
- Exercise #9
- Lab #9
- Wed. class
- Assignment #9...
Could we use a 2-d array?

• What if we want one argument for the pay and hours, instead of passing pay and hour list?
• How will this change our program?
2-d Lists...

```python
def get_pay_hours(n, p, h):
    for x in range(n):
        h[x]=float(input("Employee #"+str(x+1)+" enter hour: "));
        e[1][x]=float(input("Employee #"+str(x+1)+" enter pay: "));
    p[x]=float(input("enter pay: "));
e[0][x]=float(input("enter pay: "));
    gross=h[x]*p[x];
gross=e[1][x]*e[0][x];
print(gross);

def main():
    emp_pay_hr=[[0],[0]];
    num_emp=get_num_emp();
    pay=[0]*num_emp;
    emp_pay_hr[0]=[0]*num_emp;
    hours=[0]*num_emp;
    emp_pay_hr[1]=[0]*num_emp;
    get_pay_hours(num_emp, pay, hours);
    get_pay_hours(num_emp, emp_pay_hr);
    print(pay);
    print(emp_pay_hr[0]);
    print(hours);
    print(emp_pay_hr[1]);
```
Why is this class good?

• [https://www.youtube.com/watch?v=loZdPaftX-Q](https://www.youtube.com/watch?v=loZdPaftX-Q)
Why do you think everyone should or should not learn to program?

In-class Exercise #5