

### CSE 160 Section 3 Solutions

1. 

```
def odd(num):  
    return num % 2 != 0
```
2. 

```
def avg_age(ages):  
    total = 0  
    for age in ages:  
        total = total + age  
    avg = total / len(ages)  
    return avg
```
3. 

```
def max_height(class_lst):  
    cur_max = 0  
    for student in class_lst:  
        student_height = get_height(student)  
        if student_height > cur_max:  
            cur_max = student_height  
    return cur_max
```

Type when returning: int

Type when printing: None

4. 

```
def count_letters(list, target):  
    count = 0  
    for word in list:  
        for letter in word:  
            if (letter == target):  
                count = count + 1  
    return count
```
5. 

```
def budget_saver(cost, budget):  
    if (cost > budget):  
        return "too expensive"  
    elif (cost < budget):  
        return "great deal"  
    else:  
        return "okay"
```

```
6. def among_us(crew_members, color):
    for member in crew_members:
        if (member == color):
            return True
    return False
```