

CSE 160 Section 3 Solutions

1.

```
def odd(num):  
    return num % 2 == 1
```
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(word_list, target_letter):  
    count = 0  
    for word in word_list:  
        for letter in word:  
            if letter == 'target_letter':  
                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_member_list, imposter):  
    for crew_member in crew_member_list:  
        if crew_member == imposter:  
            return True  
    return False
```