

Daily Code Practice

1. What is the output of the following function calls?

```
def indexmod(nums):  
    total = 0  
    for i in range(len(nums)):  
        if i % 2 == 0:  
            total = total + nums[i]  
    return total
```

```
print indexmod ([7, 4, 3, 5, 2, 1])  
print indexmod ([6, 4, 5, 4, 3, 3])
```

2. Write a function called `smallest` that receives two parameters (`m`, `n`). The function will return whichever value is smaller.

```
Examples:  
smallest(7, 10) -> 7  
smallest(4, 4) -> 4
```

ANSWER HERE:

3. What is the output of the following function calls?

```
def highlow(a, b):  
    if a > b:  
        if b % 2 == 1:  
            return a - b  
        else:  
            return a % b  
    else:  
        if a % 2 == 0:  
            return b + a  
        else:  
            return b % a
```

```
print highlow(8, 3)  
print highlow(5, 12)  
print highlow(8, 8)
```

4. Write a function called `changeitup` that receives a single list parameter (`nums`). The function will have no return value. However, the value of the items in the list will be changed to double the index value.

```
Examples:  
changeitup ([7, 4, 3]) -> None  
# new values should be 0, 2, 4  
changeitup ([6, 2, 3, 9, 1, 0]) -> None  
# new values should be 0, 2, 4, 6, 8, 10
```

ANSWER HERE: