Fall Break Review!!
Output:

10
9
8
...
1

Blastoff
n = 10
n = n - 1

print(n) while n > 0:
    print('Blastoff!')
What is printed when I run:

```python
n = 1
total = 0
while n < 4:
    total += n
n += 1
print("Total: %i" % total)
```
what is printed?

```python
>>> grades = [90, 100, 95]
>>> grades.append(85)
>>> grades[1]
```
what is printed?

```python
>>> team = ['Ashley', 'Jacob', 'Adam']
>>> team.sort()
>>> 'Adam' in team
```
what is printed?

for i in range(5):
    print(i)
what is printed?

for i in range(5):
    print('potato')
what is printed?

```python
line = ''
for i in range(5):
    line += 'x'
print(line)
```
I want to add numbers.

What is missing??

total = 0
response = input('Enter a number:')
while response != '':
    num = int(response)
    total += num
    response = input('Enter a number:')
print('Total: ', total)
I want to print out the names of my friends, one per line:

friends = ['Ann', 'Amanda', 'Maria']
for friend in friends:
    print(friend)
What does the following print?

```python
verbs = ['talk', 'walk', 'lift']
for v in verbs:
    print(v + 'ed')
```
What does the following print?

```python
for i in range(10, 21):
    print(i)
for i in range(19, 9, -1):
    print(i)
```
I want to average the numbers in the list

grades = [90, 85, 88, 95]
total = 0
for ????:
    total += grade
print (???? / len(???))
What is printed?

when I type in 'hello' and 'owl'

print('Enter a word')
word = input('>')
if word[0] in 'aeiou':
    print(word + 'hay')
else:
    temp = word[1:]
    # temp is the word minus the first letter
    print(temp + word[0] + 'ay')
sentence = ['the', 'boy', 'sings']
for word in sentence:
    if word[0] in 'aeiou':
        print(word + 'hay')
    else:
        temp = word[1:]
        print(temp + word[0] + 'ay')
What is printed?

```python
result = ''
sentence = ['a', 'boy', 'sings']
for word in sentence:
    if word[0] in 'aeiou':
        result += word + 'hay '  
    else:
        result += word[1:] + word[0] + 'ay '
print(result)
```
What is printed?

```python
>>> sentence = ['a', 'boy', 'sings']
>>> len(sentence)
3
>>> len(sentence[0])
1
>>> len(sentence[2])
4
```
What is printed?

```python
>>> a = [25, 76, 12, 80]
>>> a[2] = 24
>>> a
???
```
What is printed?

```python
>>> hoursWorked = [['Ann', 30], ['Lefty', 37], ['Mustang Sally', 25]]
>>> hoursWorked[1][1] += 10
>>> hoursWorked
```

What is printed?
What is printed?

```python
>>> hoursWorked = [['Ann', 30], ['Lefty', 37], ['Mustang Sally', 25]]
>>> hoursWorked[1][1] += 10
>>> hoursWorked
[['Ann', 30], ['Lefty', 47], ['Mustang Sally', 25]]
>>> i = 0
>>> location = -1
>>> for i in range(len(hoursWorked)):
    if hoursWorked[i][0] == 'Mustang Sally':
        location = i

>>> hoursWorked[location][1] = 50
>>> hoursWorked
```
Production Challenge

step 2: print out 10 occurrences of ‘o’ on a single line using a loop

  o o o o o o o o o
Production Challenge

step 3: embed the previous loop inside another loop to print out the Battleship game grid on the following page
Production Challenge

step 1: print out the letters ‘A’ through ‘J’ on a single line using a loop

A B C D E F G H I J
Production Challenge

step 1: print out the letters ‘A’ through ‘I’ on a single line using a loop

A B C D E F G H I J

line = ''
xxxxxxxxxxx:
    line += ??????
print(line)