

Week 06 Quiz

CSCI040: ~~Computing for the Web~~ Introduction to Hacking

Total Score: /10

Printed Name:

Collaboration Policy:

1. You MAY use any printed or handwritten notes.
2. You MAY NOT use a computer or any other electronic device.
3. You MAY NOT discuss this quiz with another human being who has not completed the quiz. This includes:
 - (a) collaborating during the quiz, and
 - (b) telling a student in a different section the quiz was easy/hard.

Special Notes:

1. Each problem worth 2 points.
2. Your grade on this quiz can replace lowest grade on a previous python quiz.

Problem 1. What is the output of the following code:

```
xss = [[1, -1, 2, -2], [2, 4, 6], [0, 1, 2, 3, 4, 5]]
total = 0
for xs in xss:
    for j in range(2, 3, 4):
        total += xs[j]
print('total=', total)
```

Problem 2. What is the output of the following code:

```
s = '12345'
xs = ['1', '2', '3', '4', '5']
b = s[-1] != xs[-1]
print('b=', b)
```

Problem 3. What is the output of the following code:

```
print(3 + 6 ** 0 + 1 % 2 * 3)
```

Problem 4. What is the output of the following code:

```
total = 0
for i in range(2, -2, -1):
    if i:
        total += 1
print("total=", total)
```

Problem 5. What is the output of the following code:

```
total = 0
for i in range(0b01, 0b10, 0b01):
    total -= i
print("total=", total)
```