

## Week 06 Practice Quiz

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

**Total Score:**            /10

**Printed Name:**

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### 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 your lowest grade on a previous python quiz.

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

```
xss = [[1, 3, 5], [2, 4], [0, 1, 2, 3, 4, 5]]
total = 0
for i in range(2):
    for j in range(1, 2):
        total += xss[i][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 * 1 ** 6 + 2 * 4 % 10)
```

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

```
i = 0
total = 0
xs = [0, 1, 2, 3]
while xs[i]:
    total = total + i
    i += 1
print('total=', total)
```

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

```
total = 0
for i in range(0x01, 0x10, 0x4):
    total -= i
print("total=", total)
```