

Week 03 Practice Quiz (Version II)

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.

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

```
x = 3 // 2
y = x % 4
z = y - 5
print("z=", z)
```

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

```
print(2 ** 2 * 2 // 3 - 4 + 2)
```

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

```
x = 4-5
y = 5-4
if x == 1 and y == 1:
    result = 0
else:
    result = 1
print('result=', result)
```

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

```
if 1.0:
    result = 0
else:
    result = 1
print('result=', result)
```

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

```
i = 3
total = 0
while i < 8:
    total *= i
print('total=', total)
```

Problem 6. What is the output of the following code:

```
total = 0
for i in range(3, 5):
    total += 1
print('total=', total)
```

Problem 7. What is the output of the following code:

```
total = 0
for i in range(10, 0, -2):
    total -= i
print("total=", total)
```

Problem 8. What is the output of the following code:

```
result = 1
for i in range(3, 5):
    if i < 3:
        result += 1
    else:
        result -= 1
print('result=', result)
```

Problem 9. What is the output of the following code:

```
result = 1
for i in range(5):
    if i > 3:
        result += i
    else:
        result += 1
print('result=', result)
```

Problem 10. What is the output of the following code:

```
total = 0
for i in range(10, 20, 5):
    if i%2 == 1 or i<15:
        total += i
print("total=", total)
```

NOTE: Study hard and do well on this quiz. All future material in class assumes that you can complete problems similar to these perfectly!