CSC2-140 Foundation of Computer Science
Quiz 1 October 6, 2017

solution

<u>   </u>
name

10 pts possible. Closed book. Closed notes.

1. (1 pt each) Give the value of the expressions, as Python would:

a. 16 - 2 * 5 // 3 + 1   **14**

$$steps := 16 - 10//3 + 1$$
$$= 16 - 3 + 1$$
$$= 13 + 1 = 14$$

b. 9%4   **1**

2. (2 pts.) Write a 2 line Python program that would output the value of π to machine precision.

```
import math.
print (math.pi)
```

3. (1 pt. each) What error message would be produced if you ran the following single line Python code (no statements prior to these)?

a. print(n)

Name error

b. val = 2 + "dollars"

Type error

4. (2 pts.) What would be output by the following Python statement:

print(list(range(2,10,2)))

[2,4,6,8]

5. (2 pts.) Write a code segment, including a for loop, that prints, on separate lines,
10 9 8 7 6 5 4 3 2 1 Blastoff

```
for i in range (10,0,-1):
    print(i)
print ("Blastoff")
```