solution

name

10 pts possible. Closed book. Closed notes.

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

a. 15 - 2 * 5 // 3 + 1   15 - 3 + 1 = 13

b. 11%4   3

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(2,20,3)))

[2,5,8,11, 14,17]

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")
```