



## Chapter 2

TOTAL POINTS 10

1. Which of the following is a comment in Python?

1 point

- ☐ /\* This is a test \*/
- ☒ # This is a test
- ☐ // This is a test
- ☐ \* This is a test

2. What does the following code print out?

1 point

```
1 print("123" + "abc")
```

- ☐ This is a syntax error because you cannot add strings
- ☒ 123abc
- ☐ 123+abc
- ☐ hello world

3. Which of the following is a bad Python variable name?

1 point

- ☐ \_spam
- ☐ Spam
- ☐ SPAM23
- ☒ 23spam

4. Which of the following is not a Python reserved word?

1 point

- ☒ spam
- ☐ break
- ☐ continue
- ☐ for

5. Assume the variable x has been initialized to an integer value (e.g., x = 3). What does the following statement do?

1 point

```
1 x = x + 2
```

- ☐ This would fail as it is a syntax error
- ☐ Produce the value "false" because "x" can never equal "x+2"
- ☒ Retrieve the current value for x, add two to it and put the sum back into x
- ☐ Create a function called "x" and put the value 2 in the function

6. Which of the following elements of a mathematical expression in Python is evaluated first?

1 point

- ☒ Parentheses ( )
- ☐ Multiplication \*
- ☐ Subtraction -
- ☐ Addition +

7. What is the value of the following expression

1 point

```
1 2 + 3 * 4
```

```
1 42 % 10
```

Hint - the "%" is the remainder operator

- ☐ 1042
- ☒ 2
- ☐ 10
- ☐ 420

8. What will be the value of x after the following statement executes:

1 point

```
1 x = 1 + 2 * 3 - 8 / 4
```

- ☒ 5.0
- ☐ 4
- ☐ 3.0
- ☐ 15

9. What will be the value of x when the following statement is executed:

1 point

```
1 x = int(98.6)
```

- ☒ 98
- ☐ 100
- ☐ 99
- ☐ 6

10. What does the Python **input()** function do?

1 point

- ☒ Pause the program and read data from the user
- ☐ Connect to the network and retrieve a web page.
- ☐ Read the memory of the running program
- ☐ Take a screen shot from an area of the screen

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