

## Chapter 2

### Question 1

Which of the following is a comment in Python?

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

### Question 2

What does the following code print out?

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

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

### Question 3

Which of the following is a bad Python variable name?

- ☒ #spam
  - ☐ SPAM23
  - ☐ spam\_23
  - ☐ \_spam
- 

### Question 4

Which of the following is not a Python reserved word?

- ☒ speed
  - ☐ else
  - ☐ for
  - ☐ if
-

## Question 5

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

```
x = x + 2
```

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

## Question 6

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

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

## Question 7

What is the value of the following expression

```
42 % 10
```

Hint - the "%" is the remainder operator

- ☐ 420
  - ☐ 10
  - ☒ 2
  - ☐ 1042
- 

## Question 8

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

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

- ☐ 2.0
- ☒ 5.0
- ☐ 8
- ☐ 4

### Question 9

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

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

- ☐ 99
  - ☐ 6
  - ☐ 100
  - ☒ 98
- 

### Question 10

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

- ☒ 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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