

## Chapter 2

TOTAL POINTS 10

### 1.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

1 point

### 2.Question 2

What does the following code print out?

A screenshot of a code editor window. The editor has a white background and a grey border. Inside, the text `print('123' + 'abc')` is written in a monospaced font. The string `'123'` is highlighted in green, and the string `'abc'` is highlighted in blue. The code is on a single line. The editor has standard scrollbars on the right and bottom.

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

1 point

### 3.Question 3

Which of the following is a bad Python variable name?

- ☐ spam23
- ☐ spam\_23
- ☒ spam.23
- ☐ Spam

1 point

#### 4.Question 4

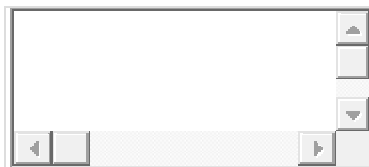
Which of the following is not a Python reserved word?

- ☒ speed
- ☐ else
- ☐ for
- ☐ if

1 point

#### 5.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

- ☐ Increase the speed of the program by a factor of 2
- ☐ Exit the program
- ☒ 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

1 point

#### 6.Question 6

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

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

1 point

#### 7.Question 7

**What is the value of the following expression**

42 % 10

Hint - the "%" is the remainder operator

- ☒ 2
- ☐ 0.42
- ☐ 10
- ☐ 4210

1 point

### 8.Question 8

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

The image shows a presentation slide with a large, empty rectangular area in the center. On the right side, there are two small square buttons with upward and downward arrows. At the bottom, there are two small square buttons with leftward and rightward arrows. The slide has a light gray background and a thin black border.

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

- ☐ 15  
☐ 4  
☐ 3.0  
☒ 5.0

1 point

### 9.Question 9

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

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

- ☒ 98
- ☐ 6
- ☐ 99
- ☐ 100

1 point

### 10.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

1 point