✓ **Congratulations! You passed!**

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Chapter 2

Latest Submission Grade 100%

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

1 / 1 point

✓ **Correct**

2. What does the following code print out?

1 / 1 point

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

✓ **Correct**

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

1 / 1 point

✓ **Correct**

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

1 / 1 point

✓ **Correct**

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

1 / 1 point

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

✓ **Correct**

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

`1/1 point`

✓ **Correct**

7. What is the value of the following expression

`1/1 point`

```
1    42 % 10
```

Hint - the "%" is the remainder operator

✓ **Correct**

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

`1/1 point`

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

✓ **Correct**

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

`1/1 point`

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

✓ **Correct**

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

`1/1 point`

✓ **Correct**

✓ **Congratulations! You passed!**

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Chapter 3

Latest Submission Grade 100%

1. What do we do to a Python statement that is immediately after an **if** statement to indicate that the statement is to be executed only when the **if** statement is **true**?

1 / 1 point

✓ **Correct**

2. Which of these operators is **not** a comparison / logical operator?

1 / 1 point

✓ **Correct**

3. What is true about the following code segment:

1 / 1 point

```
1   if  x == 5 :
2       print('Is 5')
3       print('Is Still 5')
4       print('Third 5')
```

✓ **Correct**

4. When you have multiple lines in an **if** block, how do you indicate the end of the **if** block?

1 / 1 point

✓ **Correct**

5. You look at the following text:

1 / 1 point

```
1   if x == 6 :
2       print('Is 6')
3       print('Is Still 6')
4       print('Third 6')
```

5. You look at the following text:

```
1  if x == 6 :
2      print('Is 6')
3      print('Is Still 6')
4      print('Third 6')
```

It looks perfect but Python is giving you an 'Indentation Error' on the second print statement. What is the most likely reason?

1 / 1 point

✓ **Correct**

6. What is the Python reserved word that we use in two-way if tests to indicate the block of code that is to be executed if the logical test is false?

1 / 1 point

✓ **Correct**

7. What will the following code print out?

```
1  x = 0
2  if x < 2 :
3      print('Small')
4  elif x < 10 :
5      print('Medium')
6  else :
7      print('LARGE')
8  print('All done')
```

1 / 1 point

✓ **Correct**

8. For the following code,

```
1  if x < 2 :
2      print('Below 2')
3  elif x >= 2 :
4      print('Two or more')
5  else :
6      print('Something else')
```

What value of 'x' will cause 'Something else' to print out?

1 / 1 point

✓ **Correct**

9. In the following code (numbers added) - which will be the last line to execute successfully?

```
7        print('LARGE')
8    print('All done')
```

✓ **Correct**

---

8. For the following code,   1 / 1 point

```
1    if x < 2 :
2        print('Below 2')
3    elif x >= 2 :
4        | print('Two or more')
5    else :
6        print('Something else')
```

What value of 'x' will cause 'Something else' to print out?

✓ **Correct**

---

9. In the following code (numbers added) - which will be the last line to execute successfully?   1 / 1 point

```
1    (1)   astr = 'Hello Bob'
2    (2)   istr = int(astr)
3    (3)   print('First', istr)
4    (4)   astr = '123'
5    (5)   istr = int(astr)
6    (6)   print('Second', istr)
```

✓ **Correct**

---

10. For the following code: 1 / 1 point

```
1    astr = 'Hello Bob'
2    istr = 0
3    try:
4        istr = int(astr)
5    except:
6        istr = -1
```

What will the value be for **istr after this code executes**?

✓ **Correct**

⊘ **Congratulations! You passed!**

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Chapter 4

Latest Submission Grade 100%

1. Which Python keyword indicates the start of a function definition?

1 / 1 point

✓ **Correct**

2. In Python, how do you indicate the end of the block of code that makes up the function?

1 / 1 point

✓ **Correct**

3. In Python what is the **input()** feature best described as?

1 / 1 point

✓ **Correct**

4. What does the following code print out?

1 / 1 point

```
1   def thing():
2       print('Hello')
3
4   print('There')
```

✓ **Correct**

5. In the following Python code, which of the following is an "argument" to a function?

1 / 1 point

```
1   x = 'banana'
2   y = max(x)
3   print(y)
```

✓ **Correct**

6. What will the following Python code print out?

1/1 point

```
1   def func(x) :
2       print(x)
3
4   func(10)
5   func(20)
```

✓ Correct

7. Which line of the following Python program will never execute?

1/1 point

```
1   def stuff():
2       print('Hello')
3       return
4       print('World')
5
6   stuff()
```

✓ Correct

8. What will the following Python program print out?

1/1 point

```
1   def greet(lang):
2       if lang == 'es':
3           return 'Hola'
4       elif lang == 'fr':
5           return 'Bonjour'
6       else:
7           return 'Hello'
8
9   print(greet('fr'),'Michael')
```

✓ Correct

9. What does the following Python code print out? (Note that this is a bit of a trick question and the code has what many would consider to be a flaw/bug - so read carefully).

1/1 point

```
1   def addtwo(a, b):
2       added = a + b
3       return a
4
5   x = addtwo(2, 7)
6   print(x)
```

⊘ Congratulations! You passed!

Grade received 100%   To pass 80% or higher

Chapter 5

Latest Submission Grade 100%

1. What is wrong with this Python loop:

1 / 1 point

```
1   n = 5
2   while n > 0 :
3     print(n)
4   print('All done')
```

⊘ **Correct**

2. What does the **break** statement do?

1 / 1 point

⊘ **Correct**

3. What does the **continue** statement do?

1 / 1 point

⊘ **Correct**

4. What does the following Python program print out?

1 / 1 point

```
1   tot = 0
2   for i in [5, 4, 3, 2, 1] :
3     tot = tot + 1
4   print(tot)
```

⊘ **Correct**

5. What is the *iteration* variable in the following Python code:

1 / 1 point

6. What is a good description of the following bit of Python code?

1/1 point

```
1  zork = 0
2  for thing in [9, 41, 12, 3, 74, 15] :
3      zork = zork + thing
4  print('After', zork)
```

✓ Correct

7. What will the following code print out?

1/1 point

```
1  smallest_so_far = -1
2  for the_num in [9, 41, 12, 3, 74, 15] :
3      if the_num < smallest_so_far :
4          smallest_so_far = the_num
5  print(smallest_so_far)
```

Hint: This is a trick question and most would say this code has a bug - so read carefully

✓ Correct

8. What is a good statement to describe the **is** operator as used in the following if statement:

1/1 point

```
1  if smallest is None :
2      smallest = value
```

✓ Correct

9. Which reserved word indicates the start of an "indefinite" loop in Python?

1/1 point

✓ Correct

10. How many times will the body of the following loop be executed?

1/1 point

```
1  n = 0
2  while n > 0 :
3      print('Lather')
4      print('Rinse')
5  print('Dry off!')
```