1. Which of the following can be used for commenting a piece of code in Python? (Select all that apply)   1 / 1 point

☐ ({ }) - Curly Brackets

☑ - (#) - Hashtag *

✓ **Correct**
  Correct! Hashtag * can be used for commenting a piece of code in Python

☐ (@) - At the rate sign

☑ (""" """) - Triple quotation marks

✓ **Correct**
  Correct! Triple quotation marks can be used for commenting a piece of code in Python.

2. What will be the output of running the following code?   1 / 1 point

```
1    value = 7
2    class A:
3        value = 5
4
5    a = A()
6    a.value = 3
7    print(value)
```

○ None of the above

◉ 7

○ 5

○ 3

✓ **Correct**
  Correct! The print function is passed the global value variable.

3. What will be the output of running the following code?

```
1    bravo = 3
2    b = B()
3    class B:
4        bravo = 5
5        print("Inside class B")
6    c = B()
7    print(b.bravo)
```

○ None

◉ Error

○ 5

○ 3

✓ **Correct**
Correct! The output on the code will be an error.

4. Which of the following keywords allows the program to continue execution without impacting any functionality or flow?

○ continue

○ break

◉ pass

○ skip

✓ **Correct**
Correct! Pass is a keyword that allows the program to continue execution without impacting any functionality or flow.

5. Which of the following is not a measure of Algorithmic complexity?

○ Constant time

◉ Execution time

○ Exponential Time

○ Logarithmic Time

✓ **Correct**
Correct! Execution time is not a measure of Algorithmic complexity.

6. Which of the following are the building blocks of Procedural programming?

1 / 1 point

- ◉ Procedures and functions
- ○ Objects and Classes
- ○ All of the options.
- ○ Variables and methods

✓ **Correct**
Correct! Procedures and functions are the building blocks of Procedural programming.

7. True or False: Pure functions can modify global variables.

1 / 1 point

- ○ True
- ◉ False

✓ **Correct**
Correct! Pure functions cannot modify global variables.

8. Which of the following is an advantage of recursion?

1 / 1 point

- ○ Recursion is memory efficient
- ○ Easier to follow
- ○ Easy to debug
- ◉ Recursive code can make your code look neater

✓ **Correct**
Correct! Recursion code is easier to write.