

Home Work III (Day 3.1)

Relational and Assignment operators

1. Type here. Assign a number to the variable: **glass_of_water**

```
glass_of_water=  
print("I drank", glass_of_water, "glasses of water today.")
```

2. Fill the print function so it prints **glass_of_water**

```
glass_of_water=3  
glass_of_water=glass_of_water + 1  
print()
```

3. Assign an integer to the variable, then print it.

```
men_stepped_on_the_moon=  
print()
```

4. Type a couple of words or a short sentence for your variable, then print it.

```
my_reason_for_coding=  
print()
```

5. Assign a float with 2 decimals to the variable below. If you don't want to search the value you can check out Hint 1.

```
global_mean_sea_level_2018=21  
global_mean_sea_level_2018=  
print(global_mean_sea_level_2018)
```

6. Assign True or False to the variable below then print it.

```
staying_alive=  
print(staying_alive)
```

- 7. Type a couple of different values inside the print function. Make sure they are separated by commas.**

```
print("")
```

- 8. You can assign "Hello World!" to the variable.**

```
my_text=""  
print(my_text)
```

- 9. Replace "type here" with "Hello World!"**

```
print("type here")
```

- 10. In Python, a variable must be declared before it is assigned a value:**

- A. True
- B. False

- 11. Which of the following statements assigns the value 100 to the variable x in Python:**

- A. `x := 100`
- B. `let x = 100`
- C. `x << 100`
- D. `x = 100`
- E. `x ← 100`

- 12. Which of the following are valid Python variable names:**

- A. Age
- B. home_address
- C. ver1.3
- D. return
- E. 4square
- F. route66

13. You are reading Python code, and these statements appear scattered in different locations throughout the code:

employeenumber = 4398

.

.

EmployeeNumber = 4398

.

.

employeeNumber = 4398

- A. These statements refer to different variables.
- B. These statements refer to the same variable.

14. Which of the following would give a syntax error?

- A. `x, y, z = 10, 20, 30`
- B. `x, y, z = 10, 'Hello', True`
- C. `x = 10, y = 'Hello', z = True`
- D. None of the above

15. What is the value of the following arithmetic expression `5*210`?**