

# ASSIGNMENT 3 DATA TYPES

In this assignment you will find questions related to data types

\* Required

1. Email address \*

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2. CERTIFICATION BATCH NO \*

Mark only one oval.

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5
- ☐ OTHER

3. 1.Which of these in not a core data type?

Mark only one oval.

- ☐ Lists
- ☐ Dictionary
- ☐ Tuples
- ☐ Class

4. 2.Given a function that does not return any value, What value is thrown by default when executed in shell?

Mark only one oval.

- ☐ int
- ☐ bool
- ☐ void
- ☐ None

**5. 3. What will be the output of the following Python code?**

```
1. >>>str="hello"  
2. >>>str[:2]  
3. >>>
```

Mark only one oval.

- ☐ he
- ☐ lo
- ☐ olleh
- ☐ hello

**6. 4. which of the following will run without errors? \***

Mark only one oval.

- ☐ round(45.8)
- ☐ round(6352.898,2,5)
- ☐ round()
- ☐ round(7463.123,2,1)

**7. 5. What is the return type of function id? \***

Mark only one oval.

- ☐ int
- ☐ float
- ☐ bool
- ☐ dict

**8. 6. In python we do not specify types, it is directly interpreted by the compiler, so consider the following operation to be performed. x = 13 ? 2 objective is to make sure x has a integer value, select all that apply (python 3.xx)**

Mark only one oval.

- ☐ x = 13 // 2
- ☐ x = int(13 / 2)
- ☐ x = 13 % 2
- ☐ All of the mentioned

**9. 7. What error occurs when you execute the following Python code snippet? apple = mango**

Mark only one oval.

- ☐ SyntaxError
- ☐ NameError
- ☐ ValueError
- ☐ TypeError

10. 8. What will be the output of the following Python code snippet? \*

```
1. def example(a):  
2.     a = a + '2'  
3.     a = a*2  
4.     return a  
5. >>>example("hello")
```

Mark only one oval.

- ☐ indentation Error
- ☐ cannot perform mathematical operation on strings
- ☐ hello2
- ☐ hello2hello2

11. 9. What data type is the object below? L = [1, 23, 'hello', 1] \*

Mark only one oval.

- ☐ list
- ☐ dictionary
- ☐ array
- ☐ tuple

12. 10. In order to store values in terms of key and value we use what core data type. \*

Mark only one oval.

- ☐ list
- ☐ tuple
- ☐ class
- ☐ dictionary

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