

# ASSINGMENT 8 FUNCTIONS

IN THIS ASSINGMENT YOU WILL FIND QUESTIONS RELATED TO FUNCTIONS

\* 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 the following is the use of function in python? \*

Mark only one oval.

- ☐ Functions are reusable pieces of programs
- ☐ Functions don't provide better modularity for your application
- ☐ you can't also create your own functions
- ☐ All of the mentioned

4. 2. Which keyword is used for function? \*

Mark only one oval.

- ☐ Fun
- ☐ Define
- ☐ Def
- ☐ Function

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

```
1. def sayHello():  
2.     print('Hello World!')  
3. sayHello()  
4. sayHello()
```

Mark only one oval.

- ☐ Hello world! Hello world!
- ☐ Hello Hello
- ☐ none of the above
- ☐ 'Hello world! '

**6. 4. What will be the output of the following Python code? \***

```
1. def printMax(a, b):  
2.     if a > b:  
3.         print(a, 'is maximum')  
4.     elif a == b:  
5.         print(a, 'is equal to', b)  
6.     else:  
7.         print(b, 'is maximum')  
8. printMax(3, 4)
```

Mark only one oval.

- ☐ 3
- ☐ 4
- ☐ 4 is maximum
- ☐ None of the mentioned

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

```
1. x = 50  
2. def func(x):  
3.     print('x is', x)  
4.     x = 2  
5.     print('Changed local x to', x)  
6. func(x)  
7. print('x is now', x)
```

Mark only one oval.

- ☐ x is now 50
- ☐ x is now 2
- ☐ x is now 100
- ☐ None of the mentioned

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

```
1. def maximum(x, y):
2.     if x > y:
3.         return x
4.     elif x == y:
5.         return 'The numbers are equal'
6.     else:
7.         return y
8.
9. print(maximum(2, 3))
```

Mark only one oval.

- ☐ 2
- ☐ 3
- ☐ The numbers are equal
- ☐ None of the mentioned

**9. 7. Which of the following is a feature of DocString? \***

Mark only one oval.

- ☐ Provide a convenient way of associating documentation with Python modules, functions, classes, and methods
- ☐ All functions should have a docstring
- ☐ Docstrings can be accessed by the `__doc__` attribute on objects
- ☐ All of the mentioned

**10. 8. Python supports the creation of anonymous functions at runtime, using a construct called \***

Mark only one oval.

- ☐ Lambda
- ☐ pi
- ☐ anonymous
- ☐ None of the mentioned

**11. 9. What is the output of this program? \***

```
1. y = 6
2. z = lambda x: x * y
3. print z(8)
```

Mark only one oval.

- ☐ 48
- ☐ 14
- ☐ 64
- ☐ none of the mentioned

12. 10. What is the output of below program? \*

```
1. lamb = lambda x: x ** 3  
2. print(lamb(5))
```

Mark only one oval.

- ☐ 15
- ☐ 555
- ☐ 125
- ☐ NONE OF THE MENTIONED

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