

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

LOOPS IN PYTHON

Chapter-9

CLASS 8

A. Tick (✓) the correct option.

1. Which of the following is a looping statement in Python?

- | | | | |
|------------------|--------------------------|--------------------|--------------------------|
| a. for statement | <input type="checkbox"/> | b. while statement | <input type="checkbox"/> |
| c. if statement | <input type="checkbox"/> | d. break statement | <input type="checkbox"/> |

2. Which of the following statements allow to repeat a task for a fixed number of times?

- | | | | |
|------------------------|--------------------------|-----------------------|--------------------------|
| a. for statement | <input type="checkbox"/> | b. while statement | <input type="checkbox"/> |
| c. if...else statement | <input type="checkbox"/> | d. continue statement | <input type="checkbox"/> |

3. Which of the following statements terminates the execution of the loop?

- | | | | |
|----------|--------------------------|-------------|--------------------------|
| a. if | <input type="checkbox"/> | b. for | <input type="checkbox"/> |
| c. break | <input type="checkbox"/> | d. continue | <input type="checkbox"/> |

B. Write the output of the following programs:

1. `i = 0`
`while i < 3:`
`print (i)`
`i += 1`
`else:`
`print (0)`

.....

2. `fruits = ["apple", "banana", "cherry"]`
`for x in fruits:`
`print (x)`

.....

3. `i = 2`
`while i < 10:`
`print(i)`
`if i == 8:`
`break`
`i += 2`

.....

4. `number = ["fifty", "hundred", "thousand"]`
`for x in number:`
`print(x)`
`if x == "hundred":`
`break`

.....