

# Worksheet

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Name: .....

Roll No: ..... Class: ..... Section: .....

Date: .....

## LOOPS IN PYTHON

## Chapter-8

### A. Tick (✓) the correct option.

- Which of the following is a conditional 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"/> |
- Which of the following statements are used when the number of repetitions are known?
 

|                        |                          |                       |                          |
|------------------------|--------------------------|-----------------------|--------------------------|
| 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"/> |
- Which of the following statements skips the current iteration of a 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`

.....