

Unit 2 - Week 0

Course outline

How does an NPTEL online course work?

Week 0

Quiz : Assignment 0

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Assignment 0

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Due on 2020-01-27, 23:59 IST.

1) 34 as a binary string is

1 point

- (a) 100010
 (b) 110001
 (c) 100001
 (d) 100011

No, the answer is incorrect.
 Score: 0

Accepted Answers:
 (a) 100010

2) Arranging the data items in some order is called

1 point

- (a) insertion
 (b) deletion
 (c) sorting
 (d) push

No, the answer is incorrect.
 Score: 0

Accepted Answers:
 (c) sorting

3) When operators are written in-between their operands, they are known as

1 point

- (a) Infix notation
 (b) Polish notation
 (c) There exist no such operators
 (d) Reverse Polish notation

No, the answer is incorrect.
 Score: 0

Accepted Answers:
 (a) Infix notation

4) Which of the following operations can be performed on data structures

1 point

- (a) insertion
 (b) deletion
 (c) search
 (d) all of the above

No, the answer is incorrect.
 Score: 0

Accepted Answers:
 (d) all of the above

5) Consider that a problem has specified a desired input/output relationship, then a specific computational procedure for achieving that input/output relationship is called

1 point

- (a) Data structure
 (b) Algorithm
 (c) Memory allocation
 (d) Array

No, the answer is incorrect.
 Score: 0

Accepted Answers:
 (b) Algorithm

6) Consider the following statement "All algorithms gives correct output for every input instance". This statement is

1 point

- (a) True
 (b) False

No, the answer is incorrect.
 Score: 0

Accepted Answers:
 (b) False

7) The hexadecimal representation of the decimal number 101 is

1 point

- (a) 66
 (b) 65
 (c) 64
 (d) 63

No, the answer is incorrect.
 Score: 0

Accepted Answers:
 (b) 65

8) The ASCII value of A in decimal is

1 point

- (a) 65
 (b) 66
 (c) 67
 (d) 68

No, the answer is incorrect.
 Score: 0

Accepted Answers:
 (a) 65

9) Which of the following is NOT a linear data structure

1 point

- (a) Array
 (b) Linked List
 (c) Stacks
 (d) Trees

No, the answer is incorrect.
 Score: 0

Accepted Answers:
 (d) Trees

10) Which of the following is/are real-time applications of Data Structures.

1 point

- (a) representing a city region telephone network
 (b) implement back functionality in the internet web browser
 (c) Neither a nor b
 (d) Both a and b

No, the answer is incorrect.
 Score: 0

Accepted Answers:
 (d) Both a and b