AQ11.4: Activity Questions 4 - Not Graded

**This assignment will not be graded and is only for practice.**

**Note : This activity is for your practice purpose only. Your score in this will not count towards the Final score.**  
  
**State whether the following statements are true or false. (Question 1 and 2)**

***1 point***

The neighbours of the stations are trains and vice versa in DFS tree drawn in the lecture.

True

False

***1 point***

A mutual recursion is a form of recursion in which two objects are defined in terms of each other.

True

False

**Assume that there are 11 nodes in the longest path of a DFS tree drawn according to the concept used in the lecture. Answer the following questions.**

***1 point***

The end node of the longest path will be

Station

Train

Both station and train

Depending upon starting node

***1 point***

How many train nodes can be visited while traversing through the longest path if starting node is a station?

11

10

6

5