

1. The following section of pseudocode is included in the design for a program.

1. If head is null
2.     Create first node
3.     Set previous pointer of new node = null
4.     Set next pointer of new node = null
5. Else
6.     Create new node
7.     Set old tail's next pointer = new tail
8.     Set new tail's previous pointer = old tail
9.     Set new tail's next pointer = null
10. End if

Name the data structure and operation used in this design.