**DHA SUFFA UNIVERSITY**Graphical user interface, text, application

Description automatically generated

**Department of Computer Science**

**CS-2001L: Data Structures & Algorithms**

**Fall 2022**

**Assignment # 02**

**Registration No. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Rearrange a given linked list such that every even node will be moved to the end of the list in reverse order.

For example,

**Input:** 1 —> 11 —> 3 —> 12 —> 5 —> 13 —> 7 —> null  
   
**Output:** 1 —> 3 —> 5 —> 7 —> 13 —> 12 —> 11 —> null