

**Design and Analysis of Algorithms**  
**Minimum skill test - 03**  
**B.Tech. IV (IT) - Section A**

**SR No** \_\_\_\_\_

**Time: 15 min**

**Write a C/C++ code for the following question**

You are given a linked list whose data is integers. Write a function `oe_sort()` that divides the nodes into even and odd linked lists.

The node is defined as:

```
struct node {  
    int data;  
    struct node * next;  
}
```

The function template is:

```
void oe_sort(node * head, node * e_head, node * o_head);
```