

// Function to reverse every k nodes in a linked list

```
public static Node reverse(Node node, int k) {
```

```
    int cnt = 0;
```

```
    Node head = null;
```

```
    Node prevHead = node;
```

```
    Node nextStart = null;
```

```
    Node curr = node;
```

```
    Node prev = null;
```

```
    while (curr != null) {
```

```
        cnt++;
```

```
        Node next = curr.next;
```

```
        curr.next = prev;
```

```
        prev = curr;
```

```
        if (cnt % k == 0) {
```

```
            if (head == null) {
```

```
                head = curr;
```

```
            } else {
```

```
                prevHead.next = curr;
```

```
                prevHead = nextStart;
```

```
            }
```

```
            nextStart = next;
```

```
            prev = null;
```

```
        }
```

```
        curr = next;
```

```
    }
```

```
    if (prev != null) {
```

```
        if (head == null) {
```

```
            head = prev;
```

```
        } else {
```

```
            prevHead.next = prev;
```

```
        }
```

```
    }
```

```
    return head;
```

```
}
```