Day 15: Linked List!

Welcome to Day 15! Check out a video review of linked lists here, or just jump right into the problem.

You are given a class *Node* in the editor which has one instance pointer *next* pointing to next node and an integer *data* to store the data in Node.

You are also given a pointer *head* pointing to the head node of a linked list and an integer *data* to add to the list. Create a new node with the given integer. Insert this node at the tail of the linked list and return the head node. The given head pointer may be null, meaning that the initial list is empty.

Code for input/output is already handled in the editor. You have to complete the function *insert* given in the editor. It takes two arguments: the *head* node of the linked list and an integer *data* to be inserted.

Good Luck!

Input Format

First line contains *T*, the number of testcases. Each test case contains an integer to be inserted at tail of linked list.

Output Format

Output the data in each node separated by space.

Sample Input

```
4
2
3
4
1
```

Sample Output

```
2 3 4 1
```

Explanation

T=4
Initially head is null and 2 is inserted. 3,4,1 are inserted at the tail of linked list hence the linked list becomes 2 3 4 1