

1 Solution

1. The bear that was likely to eat a sandwich yawned.

Kernel sentences:

The bear yawned.
The bear ate a sandwich.
It was likely that S1.

Operations:

- a. Infinitive operation with 'likely':
Output: The bear was likely to eat a sandwich.
- b. Relative clause operation:
Input: The bear yawned.
The bear was likely to eat a sandwich.
Output: The bear that was likely to eat a sandwich yawned.

2. The sandwich was eaten by the bear that was persuaded by the students to yawn.

Kernel sentences:

The bear ate a sandwich.

X persuaded Y that S1.

The bear yawned.

Operations:

a. Infinitive Operation for 'persuade':

Input: The students persuade the bear that the bear yawned.

Output: The students persuaded the bear to yawn.

b. Passive Operation:

Input: The students persuaded the bear to yawn.

Output: The bear was persuaded by the students to yawn.

c. Relative Clause Operation:

Input: The bear ate a sandwich.

The bear was persuaded by the students to yawn.

Output: The bear that was persuaded by the students to yawn ate a sandwich.

d. Passive Operation:

Input: The bear that was persuaded by the students to yawn ate a sandwich.

Output: The sandwich was eaten by the bear that was persuaded by the students to yawn.