20186039

Given stack **it was - the best - of times - - - it was - the - -.** Here - means **POP.**

1. First we will push it and was into the list.
2. Then we will pop was. Now the list contains **it** and then we will push **the and best.**
3. Now we will pop best and now list contains **it,the.** And now we will pop **the** now list contains only **it**.
4. Then we will push **of and times.**
5. Then we will pop all the three items now the linked list will be empty.
6. Then we push **it and was.** Then we will pop **was.**
7. Then we will push **the.** Now the list contains **it and the.**
8. Now we will pop remaining two elements.
9. At last the linked list will be **empty.**

|  |  |  |
| --- | --- | --- |
| **PUSH** | **POP** | **Output** |
| Push it |  | it |
| Push was |  | It was |
|  | Pop was | it |
| Push the |  | It the |
| Push best |  | It the best |
|  | Pop best | It the |
| Push of |  | It the of |
| Push times |  | It the of times |
|  | Pop times | It the of |
|  | Pop of | It the |
|  | Pop the | it |
| Push it |  | it it |
| Push was |  | it it was |
|  | Pop was | It it |
| Push the |  | it it the |
|  | Pop the | it it |
|  | Pop it | **it** |
|  |  |  |
|  |  |  |
|  |  |  |
| - | **Final output(possible)** | it |