Activity 4:

The input for the stack is 🡪 it was - the best - of times - - - it was - the - -

Here “-” means we need to perform the pop operation to the stack.

Sequence of Operations:

1. “it” is pushed into the stack
2. “was” is pushed into the stack
3. Perform pop operation to stack. Pop () value is “was”
4. “the” is pushed into the stack
5. “best” is pushed into the stack
6. Perform pop operation to stack. Pop () value is “best”
7. “of” is pushed into the stack
8. “times” is pushed into the stack
9. Perform pop operation to stack. Pop () value is “times”
10. Perform pop operation to stack. Pop () value is “of”
11. Perform pop operation to stack. Pop () value is “the”
12. “it” is pushed into the stack
13. “was” is pushed into the stack
14. Perform pop operation to stack. Pop () value is “was”
15. “the” is pushed into the stack
16. Perform pop operation to stack. Pop () value is “the”
17. Perform pop operation to stack. Pop () value is “it”

Output:

“was”, “best”, “times”, “of”, “the”, “was”, “the”, “it”.