

```
public static void main(String[] args)
    throws StackEmptyException {
    LinkedStack numStack = new LinkedStack();
    for (int i = 0; i < args[0].length(); i++) {
        char c = args[0].charAt(i);
        if (Character.isDigit(c)) {
            System.out.print(c + " ");
            numStack.push(new Integer(Character.digit(c, 36)));
        } else if ((c == '+') || (c == '-') || (c == '*') || (c == '^')) {
            operate(numStack, c);
        }
    }
    System.out.println(" result:" + numStack.top());
}
```