

## Assignment-2

1. Write a menu driven program to create/manage the action list for the following problem: the Processor is keeping record of all the actions taken by the user. If the user press “UnDo” the control should go to the last action to discard it, and if the user “REDO” the last action is to be redone. (If no records in processor then check underflow condition and if records are beyond size limit then check overflow condition)
2. Given an expression string exp, write a program to examine whether the pairs and the orders of “{“, “}”, “(“, “)”, “[“, “]” are correct in the given expression.

Example: **Input:** exp = “[()]{}{[()()]0}”

**Output:** Balanced

*Explanation: all the brackets are well-formed*

**Input:** exp = “[()]”

**Output:** Not Balanced