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Compilers Assignment
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Stack Machine

COOL language

The program has two classes

1.Main

2.Element

The Element object stores one command each .It has two attributes one String and that points to the next object.

It also has functions to get and set that manipulates the string and the next Element object.

The main function in Main class takes the commands from the user creates the object.When the user types command "e" or "x" or "d", there are different functionalities as mentioned in the question.

We are using the a2i and i2a functions from an other atoi.cl file and inorder to compile it,
`coolc stack.cl atoi.cl.`