Cycle 3

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CS7B – Roll No :31

Question 4

Construct a Shift Reduce Parser for a given language.

Output:

```
mec@cl1-1-1:~/CS7B$ ./a.out
Enter the input:
i+i-i
Stack           Input           Action
$               i+i-i$          SHIFT
$i              +i-i$           REDUCE
$S              +i-i$           SHIFT
$S+             i-i$            SHIFT
$S+i            -i$             REDUCE
$S+S            -i$             REDUCE
$S              -i$             SHIFT
$S-             i$              SHIFT
$S-i            $               REDUCE
$S-S            $               REDUCE
$S              $               ACCEPTED
```