Prefix Evaluation  
  
Richard is given a prefix expression S containing numbers from 0 to 9 and operators like "+", "-, "\*", "/".  
  
Evaluate the prefix expression S and print the answer.  
  
Note  
- Prefix expression: Operators are written before their operands.  
The infix expression A \* B + C / D is equivalent to prefix expression + \* A B / C D  
  
Example  
S= -\*+4325  
  
Symbol 1 Operand 1 Operand 2 Value Operand Stack  
5 5  
2 5, 2  
3 5, 2, 3  
4 5, 2, 3, 4  
+ 4 3 7 5, 2  
5, 2, 7  
\* 7 2 14 5  
5, 14  
- 14 5 9   
9  
  
- The division will be an integral division i.e 5/2 will be taken as 2 and not 2.5  
  
Function Description  
In the provided code snippet, implement the provided prefixEvaluation(...) method using the variables to print the value obtained after evaluating string S. You can write your code in the space below the phrase “WRITE YOUR LOGIC HERE”.   
  
There will be multiple test cases running so the Input and Output should match exactly as provided.  
  
Input Format  
The first line of input contains the string S.  
  
Sample Input  
+3\*32 -- denotes string S  
  
Output Format  
The output contains a single integer denoting the value obtained after evaluating string S.  
  
Sample Output  
9  
  
Explanation  
The expression in infix is equal to 3+3\*2=9.