

```

public String infixToPostfix (String ifx) {

    char t;

    String s = "";

    for(int i = 0; i<ifx.length(); i++) {

        t = ifx.charAt(i);

        if(t == '1' || t == '2' || t == '3' || t == '4' || t == '5' || t == '6' || t == '7' || t == '8'
|| t == '9') {

            s = s + t;

        } else if(t == '(') {

            stack.push(t);

        } else if(t == ')') {

            while(stack.top() != '(') {

                s = s + stack.pop();

                //stack.pop();

            }

            stack.pop();

        } else {

            while(stack != null && !(stack.top() == '(') && precidence(t) <=
precidence(stack.top())) {

                s = s + stack.pop();

                stack.push(t);

            }

```

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        }

        while(stack != null) {

            s = s + stack.pop();

        }

    }

    return s;

}

public int precedence(char t) {

    if(t == '+' || t == '-') {

        return 1;

    }

    if(t == '*' || t == '/' || t == '%') {

        return 2;

    }

    return 0;

}

public void readIfx() throws IOException {

    BufferedReader reader = new BufferedReader(new InputStreamReader(System.in));

    String ifx = reader.readLine();

    //      char t = ' ';

    //      for(int i = 0; i < ifx.length(); i++) {

    //          t = ifx.charAt(i);

    //          if(t == '1' || t == '2' || t == '3' || t == '4' || t == '5' || t == '6' || t == '7' || t == '8'

    //          || t == '9') {

    //

    //          }

}

```

```
String post = infixToPostfix(ifx);  
evaluate(post);  
}  
//System.out.println(ifx);  
}
```