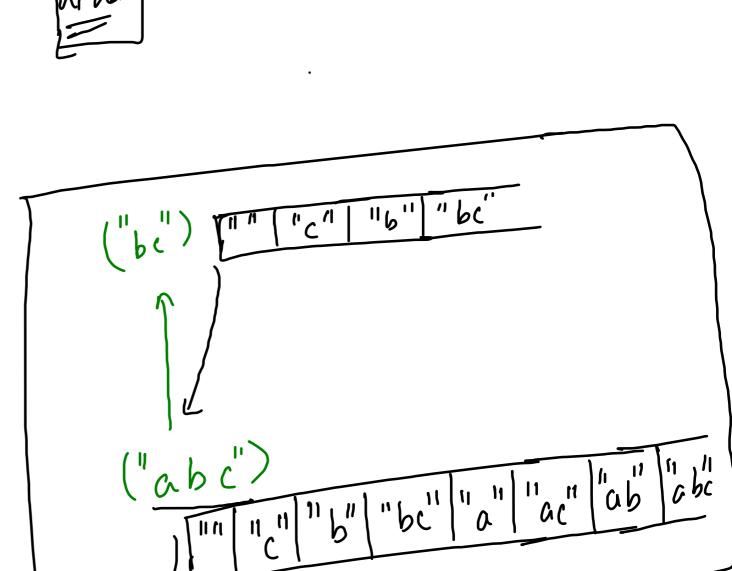
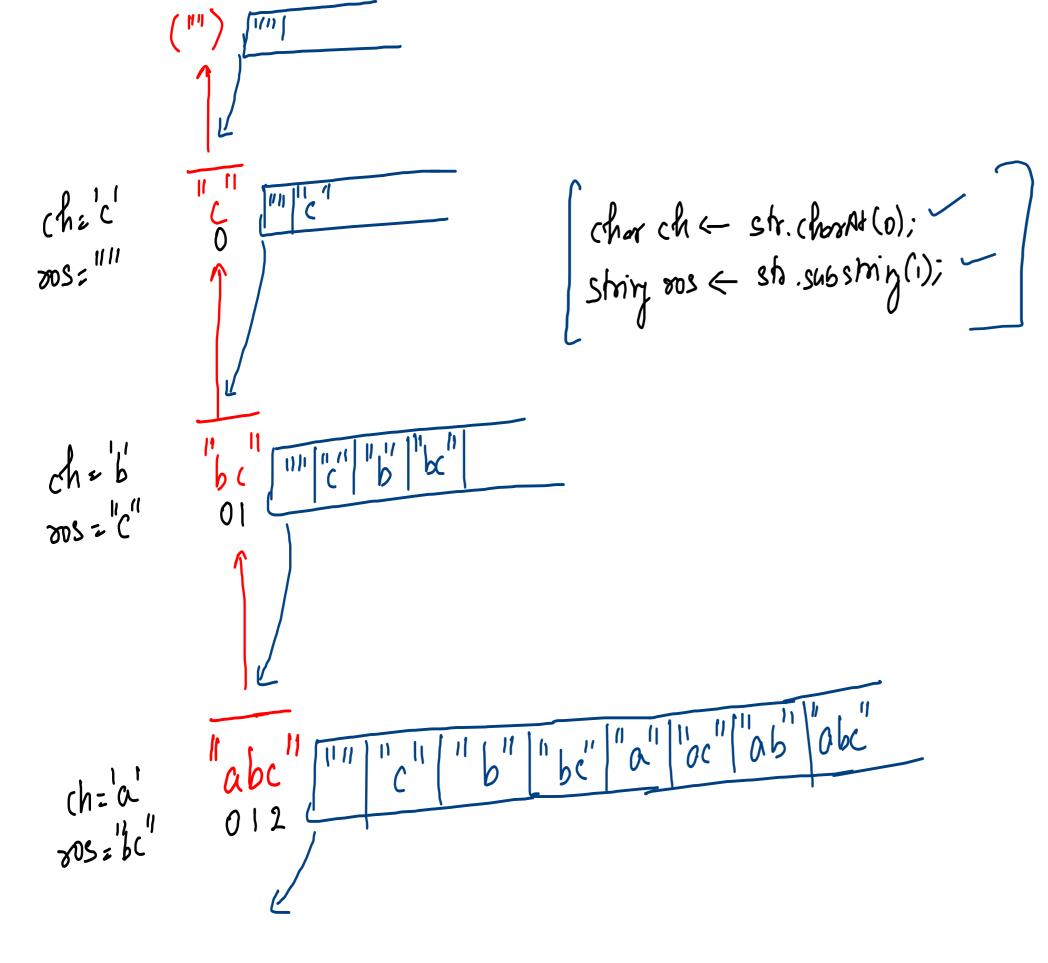
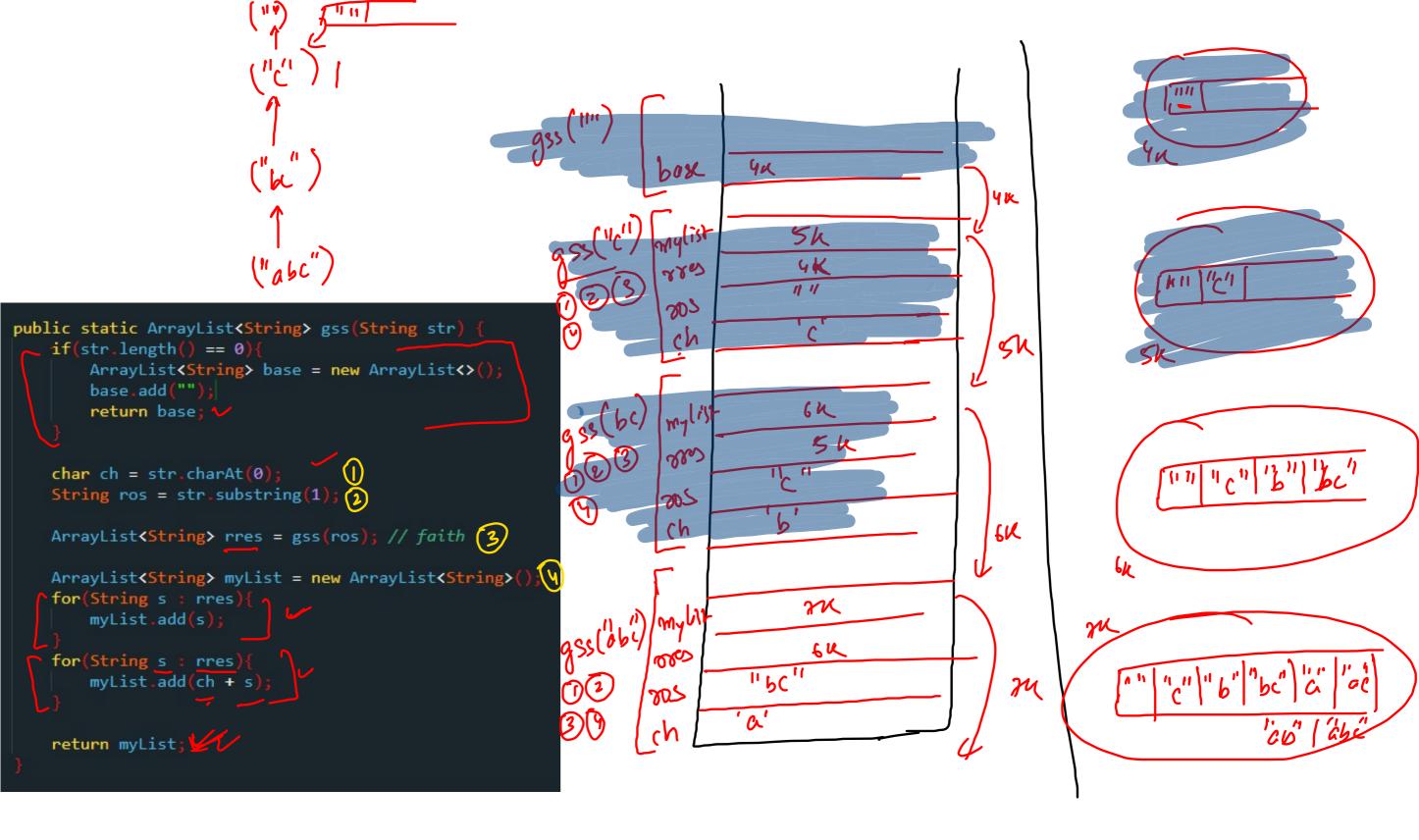
Subsequence of Each & every character has binony choice (0) not inc) & (1-in)

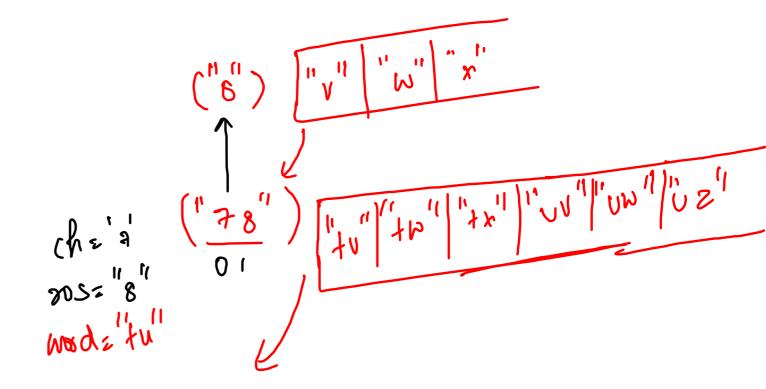


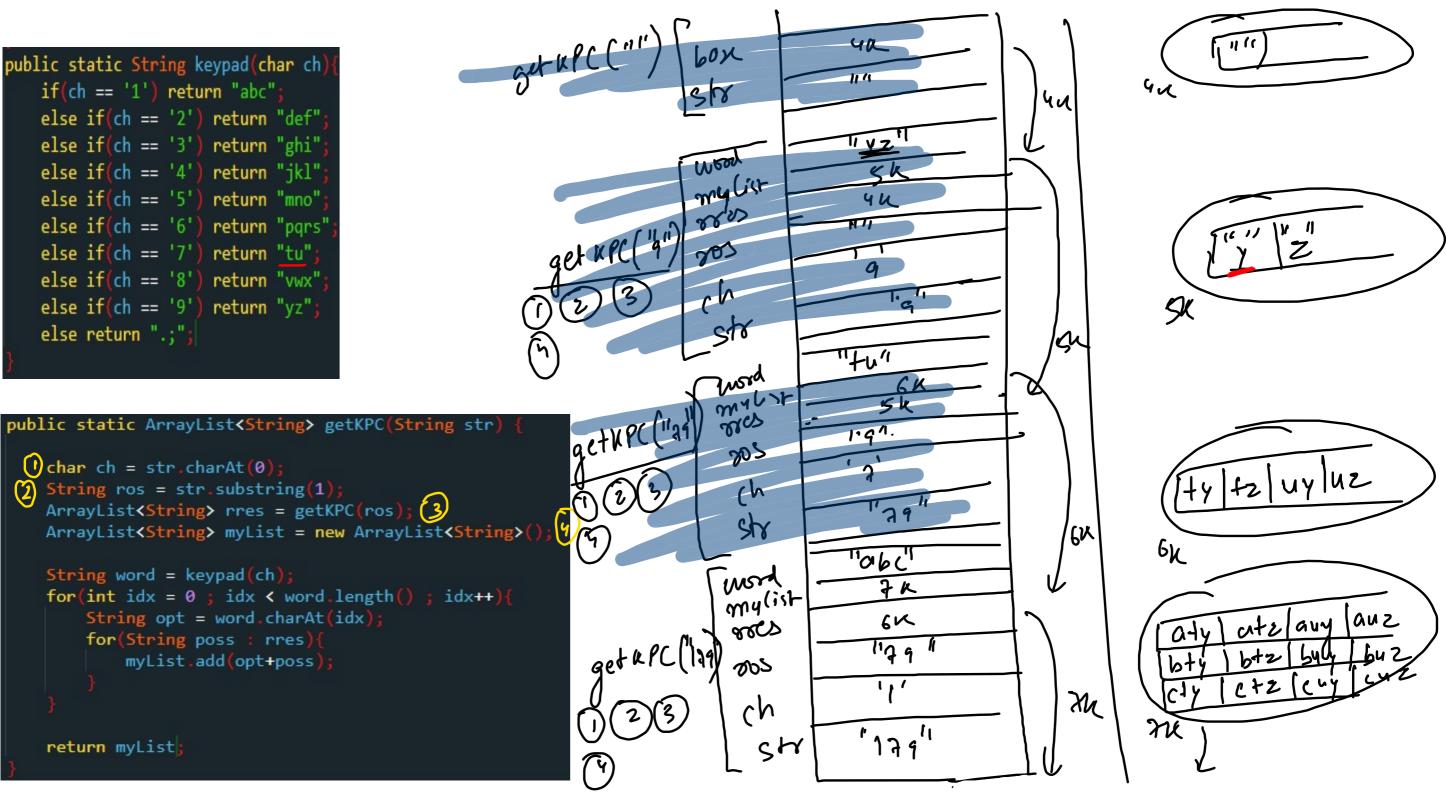


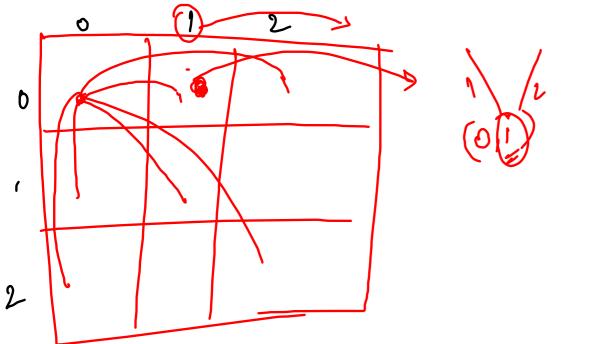
[Array Cist]



```
public static String keypad(char ch){
   if(ch == '1') return "abc";
   else if(ch == '2') return "def";
   else if(ch == '3') return "ghi";
   else if(ch == '4') return "jkl";
   else if(ch == '5') return "mno";
   else if(ch == '6') return "pqrs";
   else if(ch == '7') return "tu";
   else if(ch == '8') return "vwx";
   else if(ch == '9') return "yz";
   else return ".;";
}
```





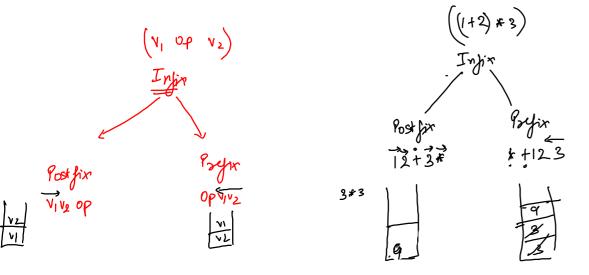


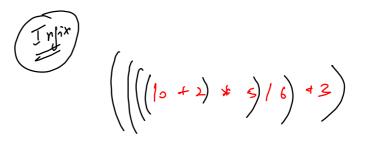
Jmp:2

```
M8 = 3
MC = 3
```

```
public static ArrayList<String> getMazePaths(int sr, int sc, int dr, int dc) {
   if(sr == dr && sc == dc)
       ArrayList<String> base = new ArrayList<String>();
       base.add("");
        return base;
   ArrayList<String> myPath = new ArrayList<>();
   // Horizontal
   ^for(int jmp = 1 ; sc+jmp <= dc ; jmp++){</pre>
        ArrayList<String> rres = getMazePaths(sr,sc+jmp,dr,dc);
       rfor(String path : rres){
            myPath.add("h"+jmp+path);
   for(int jmp = 1 ; sr+jmp <= dr ; jmp++){
       ArrayList<String> rres = getMazePaths(sr+jmp,sc,dr,dc);
       for(String path : rres){
           myPath_add("v"+jmp+path);
   // diag
   for(int jmp = 1 ; sr+jmp <= dr && sc+jmp <= dc ; jmp++){
       ArrayList<String> rres = getMazePaths(sr+jmp,sc+jmp,dr,dc);
       for(String path : rres)
           myPath_add("d"+jmp+path);
   return myPath;
```

[ Peryth() = 5 str = Subshing (idx); "This fun. is used to extract post of the string" str. substring (idm); str. substring (5) = "" str.substring(0) = "hulo"
2 (1) = "ello" 







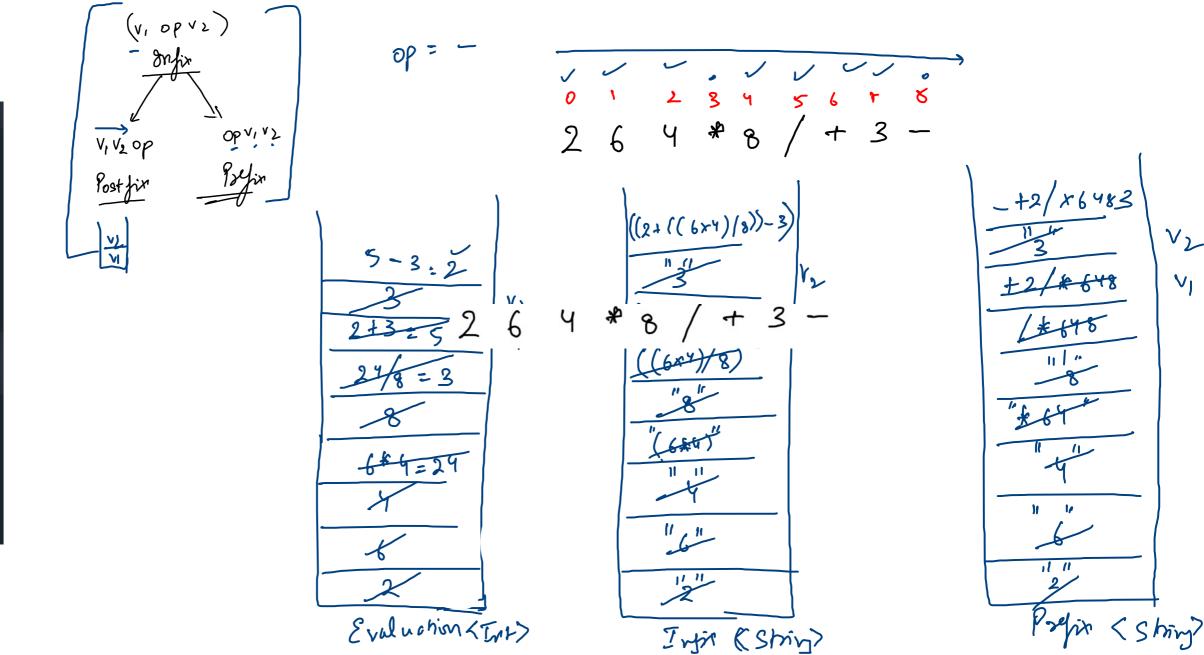
Post fir

## Sample Tuhar

264\*8/+3-

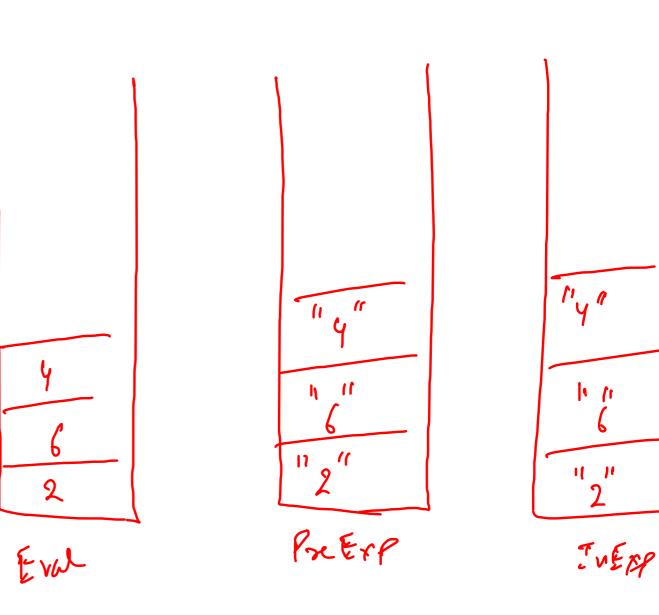
## Sample Output

2 ((2+((6\*4)/8))-3) -+2/\*6483



```
264*8/+3-
```

```
public static void solve(String exp)
   Stack<Integer> eval = new Stack<Integer>();
   Stack<String> preExp = new Stack<>(
   Stack<String> inExp = new Stack<>();
   for(int idx = 0 ; idx < exp.length() ; idx++){</pre>
       char ch = exp.charAt(idx);
      if(ch == '+' || ch == '*' || ch == '/' || ch == '-'){
           evaluation(eval,ch);
           prefixExpBuild(preExp,ch);
           infixExpBuild(inExp,ch);
        else
           eval.push(Integer.parseInt(ch+""));
           inExp.push(ch+"")
           preExp.push(ch+"");
   System.out.println(eval.pop());
   System.out.println(inExp.pop())
   System.out.println(preExp.pop());
public static void evaluation(Stack<Integer> eval , char op){
public static void prefixExpBuild(Stack<String> preExp , char op){
public static void infixExpBuild(Stack<String> inExp,char op){
```

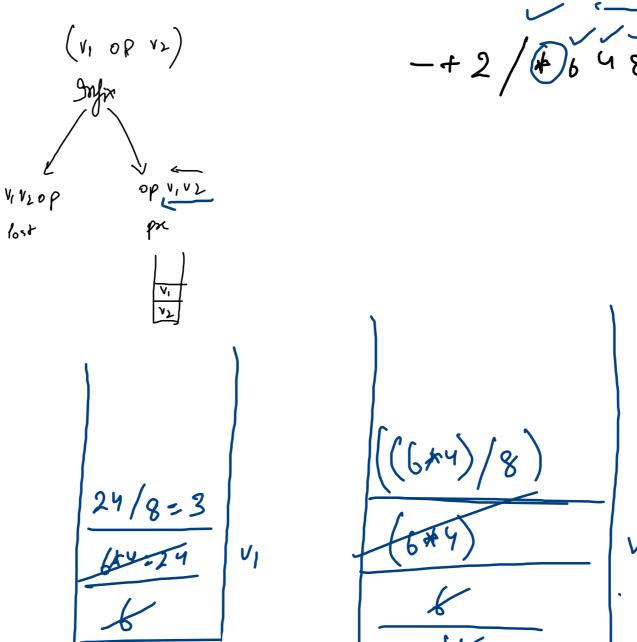


## Sample Input

-+2/\*6483

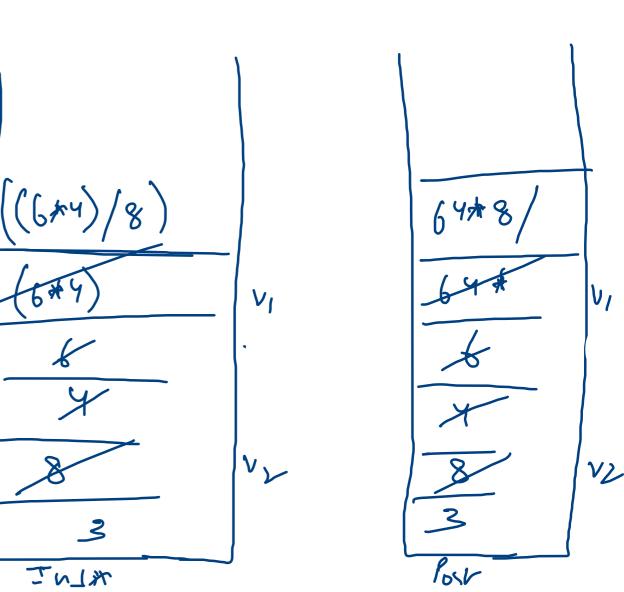
## Sample Output

2 ((2+((6\*4)/8))-3) 264\*8/+3-



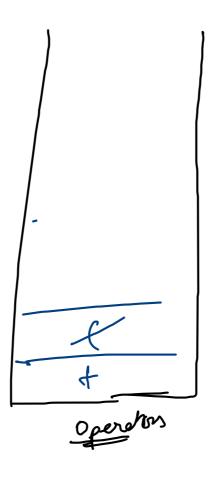
V2

Evol



(8/2) # 2) + 4 + (6-8 \* 4)/8

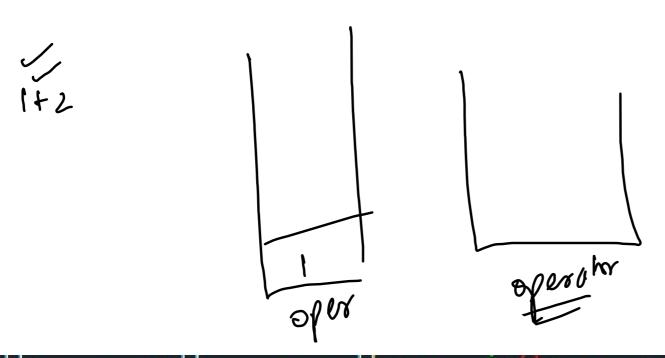
-26 12 Operands



op=

St. peck =

(Precedence (St. peck()) > = precedence(op))



while(operators.size() > 0 && operators.peek() != '(' && precedence(operators.peek()) >= precedence(ch)){