

& Validating the Input

1. Read Input regular Expression.
2. if (!valid)
 - 2.1. return & show error

? 0 W 3 X

valid (reg Exp):

1. we should iterate over each character in the given regExp

1. if alpha numeric → continue
2. It is not allowed to have nested square brackets [[[]]]
3. It is not allowed to have ??
4. It is not allowed to have ++
5. It is allowed to have many [...], where each represents

6. Special Characters = [* + ? - |] => these should not come after each other. 7

7. validate parentheses -> (((() is not allowed, [[]] is not allowed. 5 6

8. Assumption that, our input is only alphanumeric, so we do not handle anything like \. @ and things like this.

9. check that last character is not a "-" 4

10. check that the bracket is not empty. [] () are not allowed. 3

11. we should not start with any special character. 2

12. no special characters should be inside [] but inside () it is allowed. 1

1. [] () Not empty

✓