1. If ith character in the list is ‘ਿ’, then write ‘i’ before the i-1th character

Example:  
[ ["ਹ", "ਰ", "ਸ਼", "ਿ", "ਤ"] ]

[ ["h", "r", "i", "S", "q"] ]

1. If ith character in the list is ‘ਿ’ and i-1th character is ['੍ਰ', '੍ਹ'], then write ‘i’ before the i-2th character

Example:  
[ [ "ਅ", "ੰ", "ਮ", "੍ਰ", "ਿ", "ਤ", "ਸ", "ਰ" ] ]

[ ["A", "M", "i", "m", "R", "q", "s", "r",] ]

1. If the characters "੍" and "ਰ" appear simultaneously, then just write ‘R’ in place of both.
2. If ‘੍’ appears between two same characters, then write ‘`’ (a backtick) and the repeated character.

Example:

[ [ "ਜ", "ਸ", "੍", "ਸ", "ੂ" ] ]

[ [ "j", "`", "s", "ੂ" ] ]

1. Use the following character map conditions (ex: if ‘ਅ’ appears, then append ‘A’):
   1. Vowels:
      1. ਅ = A
      2. ਆ = Aw
      3. ਇ = ie
      4. ਈ = eI
      5. ਉ = au
      6. ਊ = aU
      7. ਏ = ey
      8. ਐ = AY
      9. ਓ = E
      10. ਔ = AO
      11. ਾ = w
   2. Lowercase Letters (a-z):
      1. a = ੳ
      2. b = ਬ
      3. c = ਚ
      4. d = ਦ
      5. e = ੲ
      6. f = ਡ
      7. g = ਗ
      8. h = ਹ
      9. i = ਿ
      10. j = ਜ
      11. k = ਕ
      12. l = ਲ
      13. m = ਮ
      14. n = ਨ
      15. o = ੋ
      16. p = ਪ
      17. q = ਤ
      18. r = ਰ
      19. s = ਸ
      20. t = ਟ
      21. u = ੁ
      22. v = ਵ
      23. w = ਾ
      24. x = ਣ
      25. y = ੇ
      26. z = ਜ਼
   3. Uppercase Letters (A-Z):
      1. ਅ = A
      2. ਭ = B
      3. ਛ = C
      4. ਧ = D
      5. ਓ = E
      6. ਢ = F
      7. ਘ = G
      8. ਹ = H
      9. ੀ = I
      10. ਝ = J
      11. ਖ = K
      12. ਲ਼ = L
      13. ੰ = M
      14. ◌. = N
      15. ੌ = O
      16. ਫ = P
      17. ਥ = Q
      18. ਰ = R
      19. ਸ਼ = S
      20. ਠ = T
      21. ੂ = U
      22. ੜ = V
      23. ਾਂ = W
      24. ਯ = X
      25. ੈ = Y
      26. ਗ਼ = Z
   4. Special Characters:
      1. ੱ = `
      2. ਙ = |
      3. ੱ = ~