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1 | while True:
2 |     textin = input('Enter word: ')
3 |     lengthoftextin = len(textin)
4 |
5 |     for i in range(0, lengthoftextin):
6 |         letter = textin[i]
7 |         checkletnum = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j', 'k', 'l', 'm',
'n', 'o', 'p', 'q', 'r', 's', 't', 'u', 'v', 'w', 'x', 'y', 'z']
8 |         corresponding_braille = ['100000', '101000', '110000', '110100', '100100',
'111000', '111100', '101100', '011000', '011100', '100010', '101010', '110010', '110110',
'100110', '111010', '111110', '101110', '011010', '011110', '100011', '101011', '011101',
'110011', '110111', '100111']
9 |         for i in range(0, 25):
10 |             if letter.lower() == checkletnum[i]:
11 |                 print('Corresponding braille: ' + corresponding_braille[i])

```