

```

def Charles(input: str):
    Cyrillic = {"А": 1, "а": 1, "Б": 2, "б": 2, "В": 3, "в": 3, "Г": 4, "г": 4, "Д": 5,
"д": 5, "Е": 6, "е": 6, "Ё": 7, "ё": 7, "Ж": 8, "ж": 8, "З": 9, "з": 9, "И": 10, "и": 10,
"Й": 11, "й": 11, "К": 12, "к": 12, "Л": 13, "л": 13, "М": 14, "м": 14, "Н": 15, "н": 15,
"О": 16, "о": 16, "П": 17, "п": 17, "Р": 18, "р": 18, "С": 19, "с": 19, "Т": 20, "т": 20,
"У": 21, "у": 21, "Ф": 22, "ф": 22, "Х": 23, "х": 23, "Ц": 24, "ц": 24, "Ч": 25, "ч": 25,
"Ш": 26, "ш": 26, "Щ": 27, "щ": 27, "Ъ": 28, "ъ": 28, "Ы": 29, "ы": 29, "Ь": 30, "ь": 30,
"Э": 31, "э": 31, "Ю": 32, "ю": 32, "Я": 33, "я": 33}
    print(Cyrillic)
    cipher = ""
    for k in Cyrillic:
        print(k, bin(Cyrillic[k]))
    for letter in input:
        n = Cyrillic[letter]
        print(n)
        n ^= 0b11111111
        n >>= 3
        print(bin(n))
        for key in Cyrillic:
            if Cyrillic[key] == n:
                cipher += key
                break
    print(cipher)
Charles("Чарльз")

```