```
🍌 binary to octal converter.py - C:/Users/rojit/AppData/Local/Programs/Python/Python311/binary to octal converter.py (3.11.1)
File Edit Format Run Options Window Help
                                                 IDLE Shell 3.11.1
                                                                                                                                        ×
                                                                                                                                  def convert (num) :
    octalDigit = 0
                                                 File Edit Shell Debug Options Window Help
    count = 1
                                                    Python 3.11.1 (tags/v3.11.1:a7a450f, Dec 6 2022, 19:58:39) [MSC v.1934 64 bit ( *
    i = 0
                                                    AMD64)] on win32
    pos = 0
                                                    Type "help", "copyright", "credits" or "license()" for more information.
    octalArray = [0] * 32
                                                >>>
                                                    = RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/binary to octa
    while num != 0:
                                                    1 converter.pv
        digit = num % 10
                                                    Enter a binary number: 1010
        octalDigit += digit * pow(2, i)
                                                    12
        i += 1
                                                >>>
        num //= 10
                                                    = RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/binary to octa
        octalArray[pos] = octalDigit
                                                    1 converter.py
        if count % 3 == 0:
                                                    Enter a binary number: 1111
             octalDigit = 0
            i = 0
                                                >>>
            pos += 1
                                                    = RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/binary to octa
                                                    1 converter.pv
        count += 1
                                                    Enter a binary number: 111101
    for j in range (pos, -1, -1):
                                                    075
        print(octalArray[j], end='')
                                                >>>
binary =int(input("Enter a binary number:"))
convert (binary)
```