Name: Faraz Pathan

Rollno: COTB70

#1st Practical

"""Write a Java/C/C++/Python program that contains a string (char pointer) with a value \HelloWorld’.

The program should AND or and XOR each character in this string with 127 and display the result."""

def process\_string(string, operation):

    result = ""

    for char in string:

        if operation == 'AND':

            result += chr(ord(char) & 127)

        elif operation == 'XOR':

            result += chr(ord(char) ^ 127)

    return result

input\_string = "Hello, World!"

print("Input String:", input\_string)

result = process\_string(input\_string, 'AND')

print("Result (AND):", result)

result = process\_string(input\_string, 'XOR')

print("Result (XOR):", result)

**OUTPUT:**

Input String: Hello, World!

Result (AND): Hello, World!

‼esult (XOR): 7→‼‼►S\_(►