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**Assignment 1**

"""Write a Java/C/C++/Python program that contains a string (char pointer) with a value \Hello World. The program should AND or and XOR each character in this string with 127 and display the result """

string = input("Enter String: ")

result\_and = ""

result\_xor = ""

for char in string:

    # Bitwise AND with 127

    and\_val = ord(char) & 127

    # Bitwise XOR with 127

    xor\_val = ord(char) ^ 127

    result\_and += chr(and\_val)

    result\_xor += chr(xor\_val)

print("Original string: ", string)

print("AND result: ", result\_and)

print("XOR result: ", result\_xor)

**OUTPUT:**

c:\Users\Shra Chaskar\OneDrive\Desktop\\_ISA1.py

Enter String: Hello World

Enter String: Hello World

Original string: Hello World

AND result: Hello World

XOR result: 7␦\_(