

Assignment No 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

```
# Original string original_string = "Hello World"

# Convert each character to its ASCII value and apply AND and
XOR operations and_result = "".join(chr(ord(char) & 127) for char in
original_string)
xor_result = "".join(chr(ord(char) ^ 127) for char in original_string)

# Display the results
print(f"Original String: {original_string}")
print(f"AND Result (with 127): {and_result}")
print(f"XOR Result (with 127): {xor_result}")
```

Output-

Original String:

Hello World

AND Result (with 127):

Hello World

XOR Result (with 127):

Hello World