

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

Program:

```
# Declare a string

string = "Hello World"

# Iterate through each character in the string

for char in string:

    # XOR each character with 127

    xor_result = ord(char) ^ 127

    # AND each character with 127

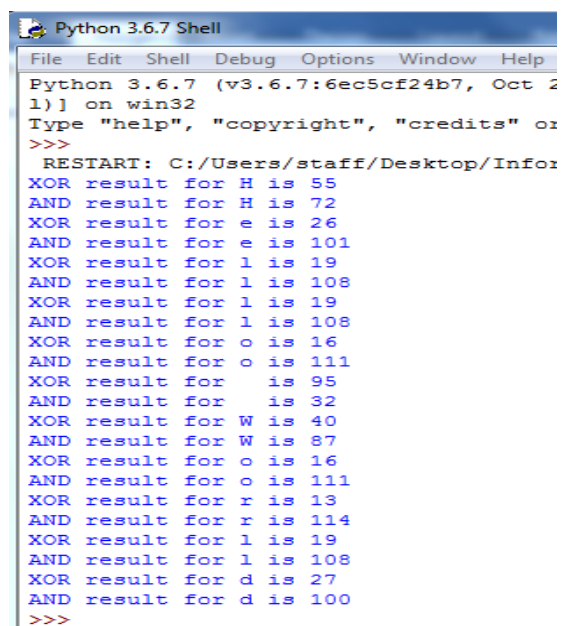
    and_result = ord(char) & 127

    # Print the results

    print("XOR result for", char, "is", xor_result)

    print("AND result for", char, "is", and_result)
```

Output:



```
Python 3.6.7 Shell
File Edit Shell Debug Options Window Help
Python 3.6.7 (v3.6.7:6ec5cf24b7, Oct 2
1) ] on win32
Type "help", "copyright", "credits" or
>>>
RESTART: C:/Users/staff/Desktop/Infor
XOR result for H is 55
AND result for H is 72
XOR result for e is 26
AND result for e is 101
XOR result for l is 19
AND result for l is 108
XOR result for l is 19
AND result for l is 108
XOR result for o is 16
AND result for o is 111
XOR result for  is 95
AND result for  is 32
XOR result for W is 40
AND result for W is 87
XOR result for o is 16
AND result for o is 111
XOR result for r is 13
AND result for r is 114
XOR result for l is 19
AND result for l is 108
XOR result for d is 27
AND result for d is 100
>>>
```