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#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."""

#include <stdio.h>

#include <string.h>

int main() {

    char str[] = "\\HelloWorld";

    int length = strlen(str);

    printf("Original string: %s\n", str);

    printf("AND operation with 127:\n");

    for (int i = 0; i < length; i++) {

        str[i] = str[i] & 127;

        printf("%c", str[i]);

    }

    printf("\n");

    printf("XOR operation with 127:\n");

    for (int i = 0; i < length; i++) {

        str[i] = str[i] ^ 127;

        printf("%c", str[i]);

    }

    printf("\n");

    printf("Press Enter to exit...");

    getchar(); // Wait for user input before exiting

    return 0;

}

**OUTPUT:**

Original string: \HelloWorld

AND operation with 127:

\HelloWorld

XOR operation with 127:

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