

2. Write a C program that contains a string (char pointer) with a value 'Hello World'. The program should AND or and XOR 2 each character in this string with 127 and display the result.

Program:

```
Codes > C A2.c > main()
1 //Write a C program that contains a string (char pointer) with a value Hello World'.
2 //The program should AND or and XOR 2 each character in this string with 127 and display the result.
3
4 #include<stdio.h>
5 #include<string.h>
6 #include<stdlib.h>
7
8 void main()
9 {
10     char str[]="Hello World";
11     int i,len;
12     len = strlen(str);
13     for(i=0;i<len;i++)
14     {
15         printf("%c",str[i]&127);
16     }
17     printf("\n");
18     for(int i=0;i<len;i++)
19     {
20         printf("%c",str[i]^127);
21     }
22     printf("\n");
23 }
```

Output:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
[Running] cd "e:\Study\SEM-V\LABS\CISL\Codes\" && gcc A2.c -o A2 && "e:\Study\SEM-V\LABS\CISL\Codes\"A2
Hello World
7SUBDC3DC3DLE_(DLE
DC3ESC
[Done] exited with code=10 in 0.333 seconds
```