1. Write a C program that contains a string (char pointer) with a value \Hello World'. The program should XOR each character 1 in this string with 0 and display the result.

Program:

```
Codes > C A1.c > ⊕ main()
  1   // Write a C program that contains a string (char pointer) with a value \Hello World'.
  2   // The program should XOR each character
  3
  4   #include<stdio.h>
  5   #include<stdlib.h>
  6   #include<string.h>
  7   int main()
  8   {
  9       char str[]="Hello World";
 10       char str1[11];
 11       int i,len;
 12       len=strlen(str);
 13       for(i=0;i<len;i++)
 14       {
 15           str1[i]=str[i]^0;
 16           printf("%c",str1[i]);
 17       }
 18       printf("\n");
 19   }
```

Output:

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL
[Running] cd "e:\Study\SEM-V\LABS\CISL\Codes\" && gcc A1.c -o A1 && "e:\Study\SEM-V\LABS\CISL\Codes\"A1
Hello World

[Done] exited with code=0 in 0.284 seconds
```