

IS PRACTICAL NO : 1

### C LANGUAGE:

```
*Mark.c  
  
int main(void) {  
    char str[] = "Hello World";  
    int i, length;  
    length = strlen(str);  
  
    for(i=0; i<length; i++){  
        printf("%c", str[i]&l27);  
    }  
  
    printf("\n");  
  
    for(i=0; i<length; i++){  
        printf("%c", str[i]^l27);  
    }  
  
    printf("\n");  
  
    for(i=0; i<length; i++){  
        printf("%c", str[i]|l27);  
    }  
}
```

Console

<terminated> Mark [C/C++ Application] /home/student/workspace/Mark/Debug/Mark (08/01/24 2:23 PM)  
Hello World  
7[ ][ ][ ][ ] \_ ([ )  
[ ][ ]  
[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

## PYTHON LANGUAGE:



The screenshot shows a code editor with a dark theme. On the left is a vertical toolbar with icons for file operations (copy, paste, save, etc.), a search icon, and a 'GO' button. The main editor area is split into two panes. The left pane, titled 'main.py', contains a Python script with six lines of code. The right pane, titled 'Shell', shows the output of the script. The script prompts the user to 'Enter a String: ', which is 'Hello World'. It then prints 'Hello World' and a list of characters with their ASCII values: ['y', 'W', ' '].

```
main.py
```

```
1 a=input(str("Enter a String: "))
2 b=127
3 c=b and a
4 d=[chr(ord(x)^ord(y)) for x,y in zip(a,str(b))]
5 print(c)
6 print(d)
```

```
Shell
```

```
Enter a String: Hello World
Hello World
['y', 'W', ' ']
> |
```