# 1. input.py

```python
def and_xor_string(input_string):

    print("Original String:", input_string)

    print("\nResults:")

    print(f"{'Character':<10} {'ASCII':<10} {'AND 127':<10} {'XOR 127':<10}")

    print("-" * 40)

    for char in input_string:

        ascii_value = ord(char)

        and_result = ascii_value & 127

        xor_result = ascii_value ^ 127

        print(f"{char:<10} {ascii_value:<10} {and_result:<10} {xor_result:<10}")


input_string = input("Enter the String: ")

and_xor_string(input_string)
```

# 2. Output

```
D:\GITHUB\LAB\6TH SEMESTER\IS>python Assign1.py
Enter the String: Hello World
Original String: Hello World

Results:
Character  ASCII      AND 127    XOR 127
----------------------------------------
H          72         72         55
e          101        101        26
l          108        108        19
l          108        108        19
o          111        111        16
           32         32         95
W          87         87         40
o          111        111        16
r          114        114        13
l          108        108        19
d          100        100        27
```