

1)

Input: ``"Hello World"``

Output:

Original string: Hello World

Changed string: hELLO wORLD

2)

Input: ``"Hello World"``

Output:

Original string: Hello World

Reversed string: dlroW olleH

3)

Input: "madam"

Output:

Original input is: madam

Reversed input is: madam

Palindrome!!

Input: "hello"

Output:

Original input is: hello

Reversed input is: olleh

Not a palindrome :(

4)

Input: ``"ABC"``

Output:

ASCII code of A: 65

ASCII code of B: 66

ASCII code of C: 67

5)

Input: ``"hello"``

Output:

The length of the string is: 5

6)

Input: `121, 234, 323, 456, 789, 454, 676, 878, 989, 101`

Output:

The largest palindrome number is: 989

7)

Input: `5`

Output:

First 5 prime numbers: 2, 3, 5, 7, 11

8)

Output:

Sum of two int: 5

Sum of three int: 9

Sum of two double: 5.7

Sum of double and int: 5.5

9)

Output:

Three-digit pal-prime numbers: 101, 131, 151, 181, 191, 313, 353, 373, 383, 727, 757, 787, 797, 919, 929

10)

Input: `55`

Output:

55 is a magic number.

Input: `123`

Output:

123 is not a magic number.