**Online Training 1**

**Exercise 1:**

**Task**: Write a program that takes a string input from the user and prints the number of vowels (a, e, i, o, u) in the string. Use a for loop and an if condition.

**Hint**: Use if char in "aeiou" to check for vowels.

**Example Input:**  
education

**Example Output:**  
Number of vowels: 5

**Exercise 2:**

**Task:** Write a program that takes a string input from the user and counts how many uppercase letters are in the string.

**Hint:** Use if char.isupper() to check if a character is uppercase.

**Example Input:**  
Hello World

**Example Output:**  
Number of uppercase letters: 2

**Exercise 3:**

**Task**: Write a program that takes a string input from the user and prints the string reversed. Use a for loop to iterate over the characters of the string in reverse order (do not use slicing).

**Example Input:**  
python

**Example Output:**  
The reversed string is: nohtyp

**Exercise 4:**

Task: Write a program that takes a string input from the user and:

1. Converts the string to lowercase.
2. Counts and prints how many times each vowel (a, e, i, o, u) appears in the string.

Hint: You can initialize counters for each vowel (count\_a, count\_e, etc.) and increment them inside the for loop.

Example Input:  
Beautiful Beach

Example Output:

makefile

a: 2

e: 2

i: 1

o: 0

u: 2