

Module 1: Introduction to Python

Assignment

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Assignment

1. Write a program to find the factors of a given number and check whether the factor is even or odd.

Hint: Use Loop with if-else statements

2. Write a code that accepts a sequence of words as input and prints the words in a sequence after sorting them alphabetically.

Hint: Use `split()` to split the string into a list and then apply `sort()`

3. Write a program that will find all the numbers between 1000 and 3000 (both excluded) such that each digit of a number is an odd number. Print the number of such elements

4. Write a program that accepts a string and calculates the number of letters and digits.

Suppose if the entered string is: Edureka123

Then the output will be:

LETTERS: - 7

DIGITS: - 3

5. Design a code which will find whether the given number is Palindrome number or not.