Assignment 03

Cryptology – b keerthana

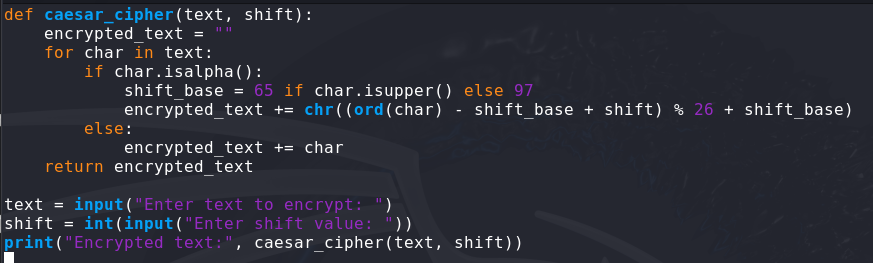
Amruthesh

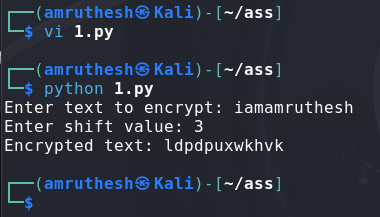
241059041

M.E - Cyber Security

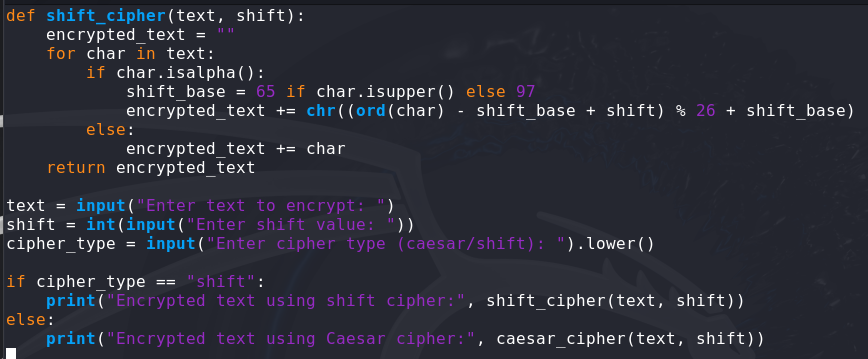
MSIS, MAHE

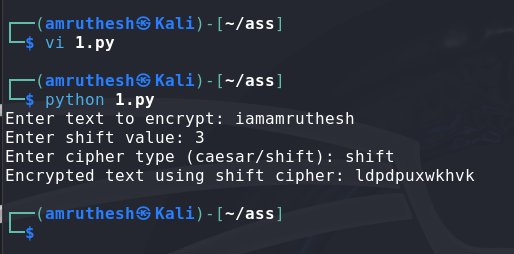
1. **Write a python script to encrypt the string using Caesar cipher.**



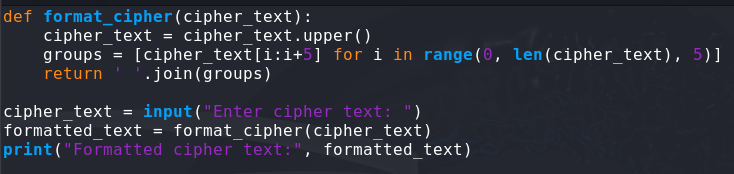


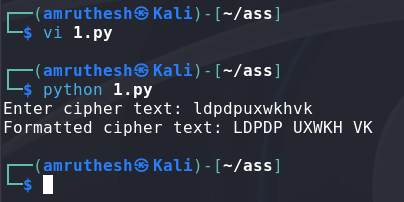
1. **Write a Python script to Modify the above script to shift cipher based on user choice.**



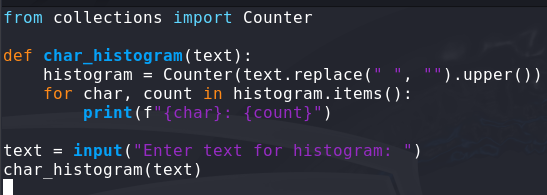
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1. **Write a Python script to convert cipher text into uppercase characters and split the cipher into group of 5 of characters.**



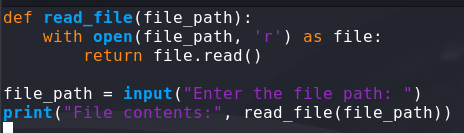
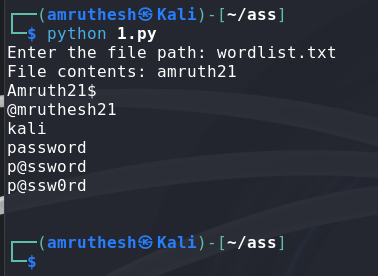


1. **Write a Python program to Find the histogram for each character.**

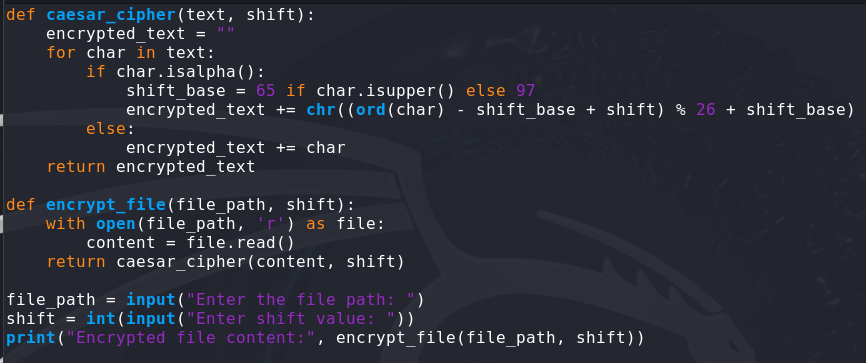


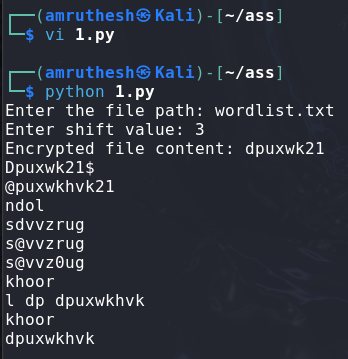


1. **Write a Python script to read the contents from the file.**

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1. **Write a Python script to encrypt the contents from the file.**





1. **Do validation to the python program (2)**

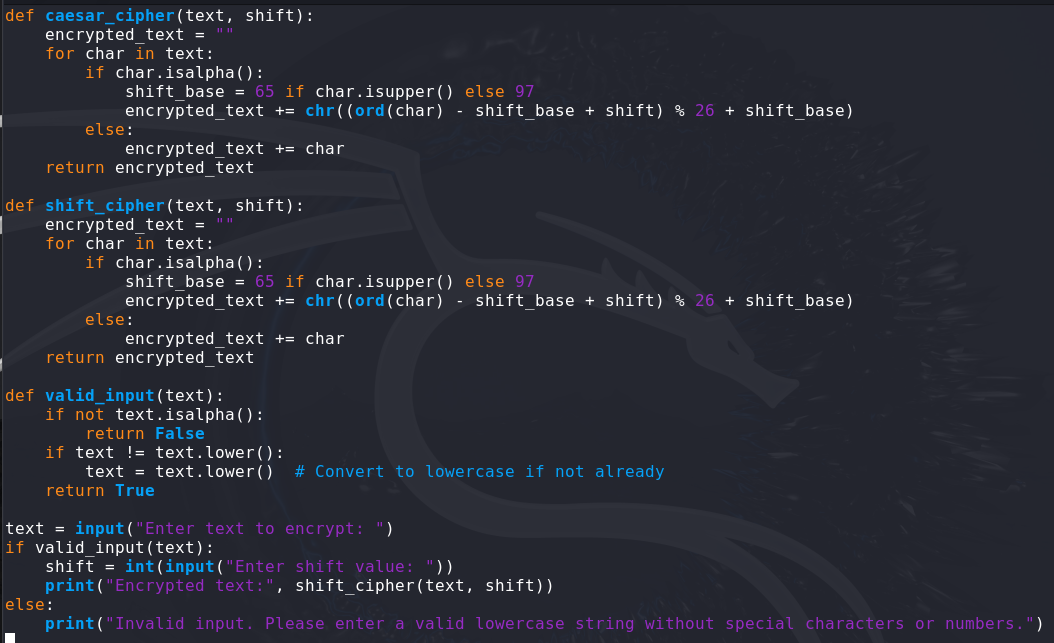
**- not to accept special characters**

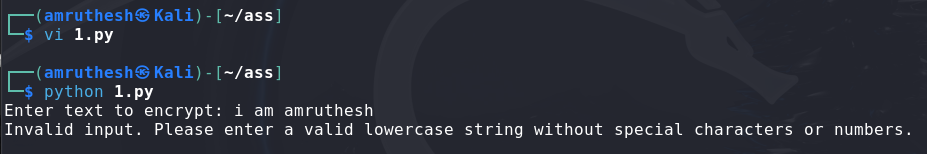
**- not to accept numeric values**

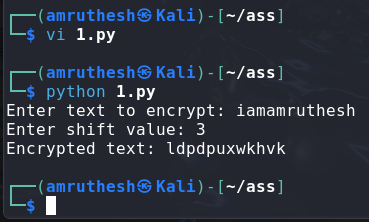
**- not to accept empty value**

**- accept only string**

**- string should be lowercase if not convert the case**

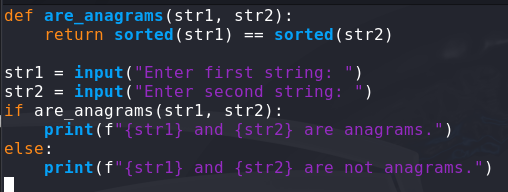


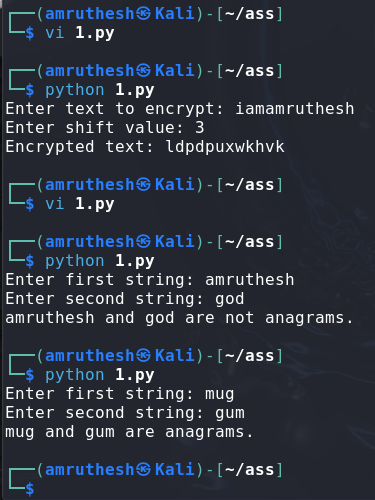




1. **Write a Python program to checks if two given strings are anagrams of each other. example:**

**mug, gum | cork, rock | note, tone**



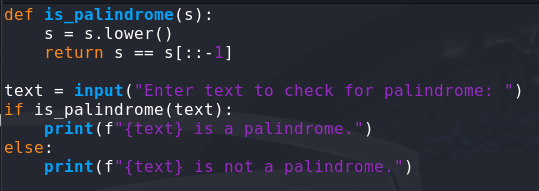
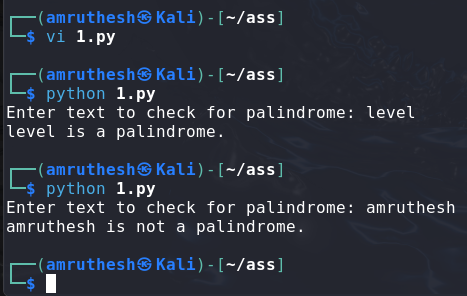


1. **Write a Python program to check the given string is palindrome or not.**

**Do not use built in functions.**

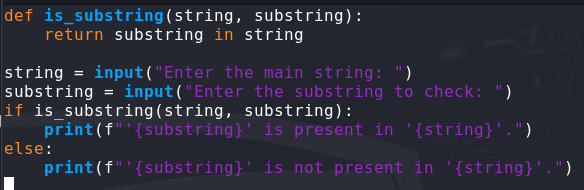
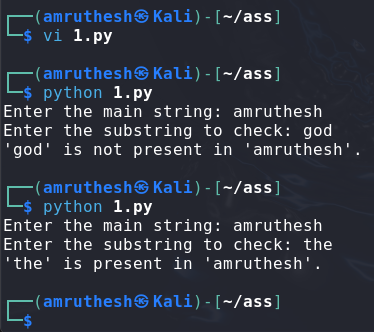
**Example:**

**MADAM, RACECAR, LEVEL, CIVIC**

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1. **Write a Python program to check if a substring is present in a given string.**

**Example: Understand – stand**

1. **Explore string module**

**import the string module in your python script.**

**print all the lowercase characters**

**print all the uppercase characters**

**print all the lowercase and uppercase characters**

**print all the digits**

**print all the punctuation symbols**

**count the total number of punctuation symbols**

