1. Statement And Count Every Character Occurrence

S: 1

T: 4

A: 5

Z: 10

1. Text input:

Vowels: 10

Consonants: 30

1. Input is Palindrome or not?

1234331

12

4-

1 2 3 4 5 6 7

1 2 3 4 5 6

1 2 3 4 5

1 2 3 4

1 2 3

1 2

1

5

4 4

3 3

2 2

1 1

2 2

3 3

4 4

5

**Assignment - 3 (Dated: 30-July-2022)**

1. [**Vowels and Consonants Count**](https://github.com/ShahidNawaz01/PIAIC-Assignments/blob/main/Artificial%20Intelligence/vowels_consonants_count.py) This program inputs a statement from a user and counts number of vowels and consonants in that statement.
2. [**Reverse Pyramid Printing**](https://github.com/ShahidNawaz01/PIAIC-Assignments/blob/main/Artificial%20Intelligence/reverse_pyramid.py) This program inputs a number from a user and prints a reverse pyramid pattern.
3. [**Each Character Count**](https://github.com/ShahidNawaz01/PIAIC-Assignments/blob/main/Artificial%20Intelligence/all_characters_repetition.py) This program inputs a statement from a user and individually counts each character repeated in that statement.
4. [**Palindrome Check**](https://github.com/ShahidNawaz01/PIAIC-Assignments/blob/main/Artificial%20Intelligence/palindrome_check.py) This program inputs a string/number from a user and checks where it is palindrome or not.
5. [**Diamond Shape Pattern Printing**](https://github.com/ShahidNawaz01/PIAIC-Assignments/blob/main/Artificial%20Intelligence/numbers_diamond.py) This program inputs a number from a user and prints diamond shape pattern.