**Name: MUHAMMAD HUZAIFA**

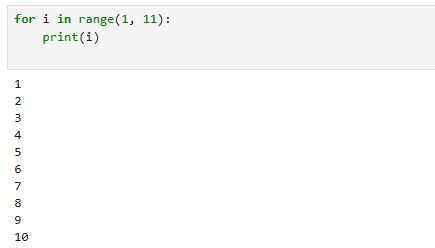
**Roll No: BIT-24S-017**

**Lab 6:**

**Task 1:**

Basic Task: Write a for loop to print the first 10 natural numbers.

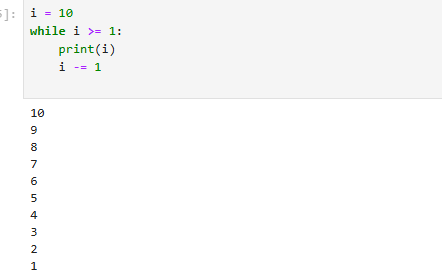
**Program:**

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**Task 2:**

Intermediate Task: Write a while loop that prints numbers from 10 down to 1

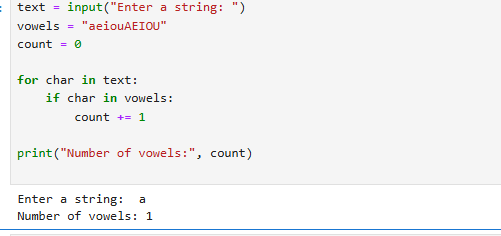
**Program:**

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**Task 3:**

Advanced Task: Create a program that uses a for loop to iterate over a string and count the number of vowels.

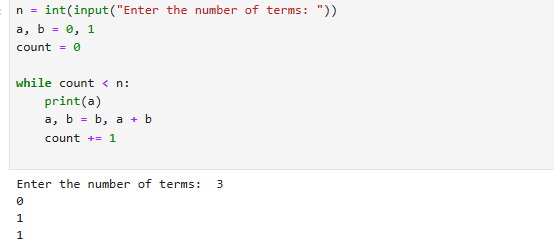
**Program:**

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**Challenge Task:**

Write a program that prints the Fibonacci series up to n terms using a while loop.

**Program:**

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