**ASSIGNMENT-4.3**

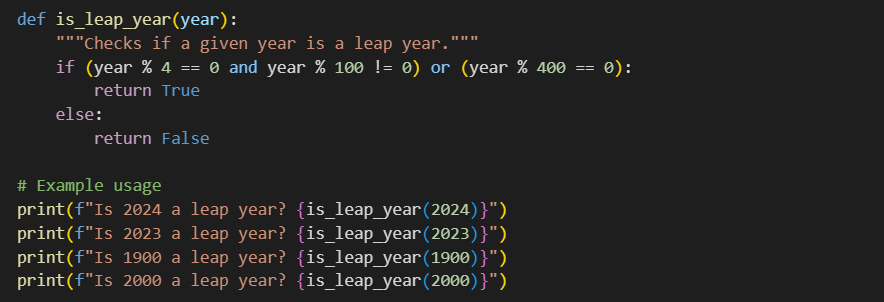
**NAME: P. HEMAN ROLL NO: 2403A510F5**

**TASK 1:**

**PROMPT:**

****

**CODE:**

****

**OUTPUT:**

**A group of white text

AI-generated content may be incorrect.**

**OBSERVATION:**The AI understood the task without any example and generated the correct leap year checking logic.

**TASK 2:**

**PROMPT:**

**A black background with white text

AI-generated content may be incorrect.**

**CODE:**

**A computer screen with text

AI-generated content may be incorrect.**

**OUTPUT:**

****

**OBSERVATION:**With one input-output example, the AI learned the conversion formula and applied it correctly for general use.

**TASK 3:**

**PROMPT:**

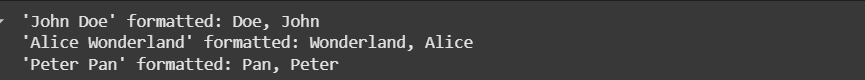


**CODE:**

**A computer screen with text

AI-generated content may be incorrect.**

**OUTPUT:**

****

**OBSERVATION:**The AI used multiple examples to clearly identify the pattern and produced a consistent function that works for different **names.**

Example 1: Input: "John Doe" Output: "Doe, John"

Example 2: Input: "Alice Wonderland" Output: "Wonderland, Alice"

Example 3: Input: "Peter Pan" Output: "Pan, Peter"

These examples show how a full name with a first and last name should be formatted as "Last, First".

**TASK 4:**

**PROMPT:**

****

**CODE:**

**A screen shot of a computer program

AI-generated content may be incorrect.**

**OUTPUT:**

****

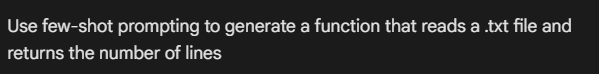
**OBSERVATION:**

**A black background with white text

AI-generated content may be incorrect.**

**TASK 5:**

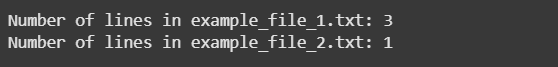
**PROMPT:**

****

**CODE:** **A screen shot of a computer program

AI-generated content may be incorrect.**

**OUTPUT:**

****

**OBSERVATION:**

**A black rectangular object with white lines

AI-generated content may be incorrect.A screenshot of a black screen

AI-generated content may be incorrect.**