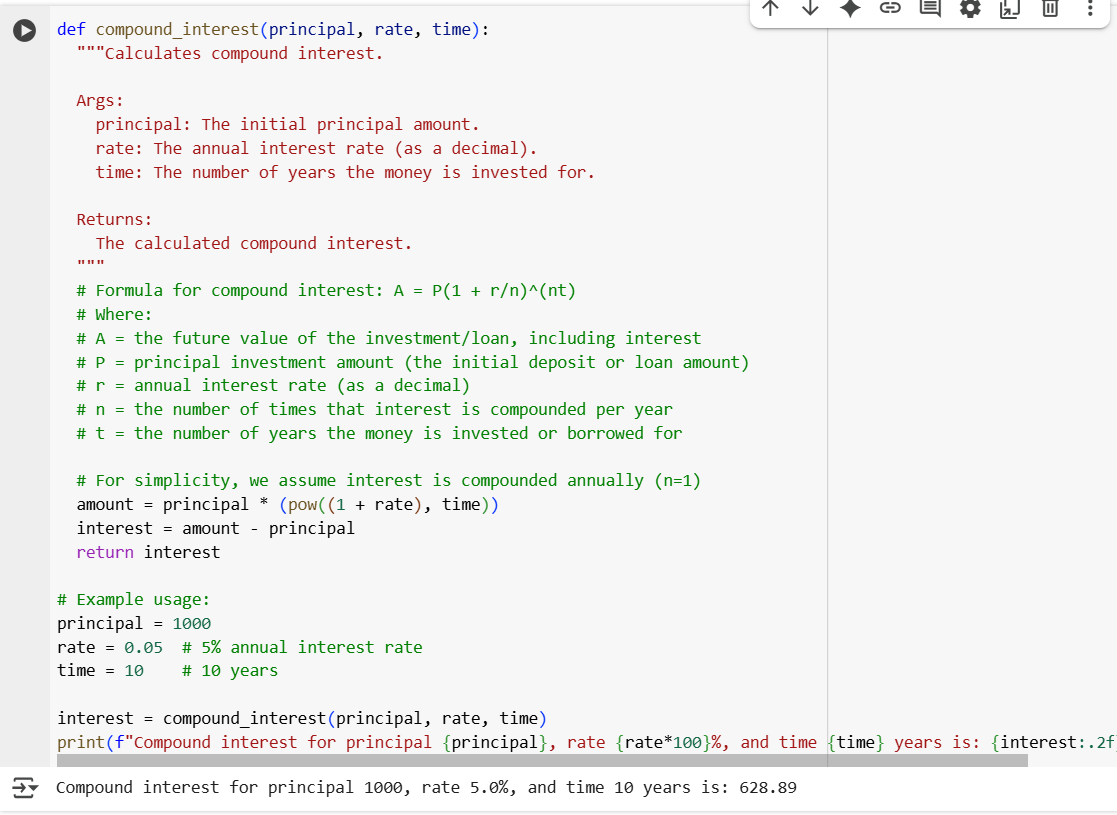
LAB ASSIGNMENT-3

**Task1:**

Program in python to find the compound interest using functions.

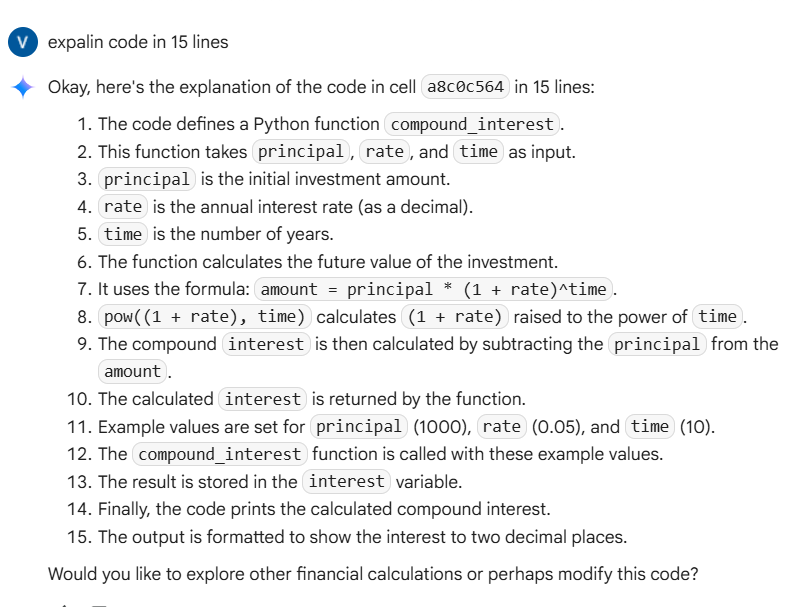
CODE:



OUTPUT:



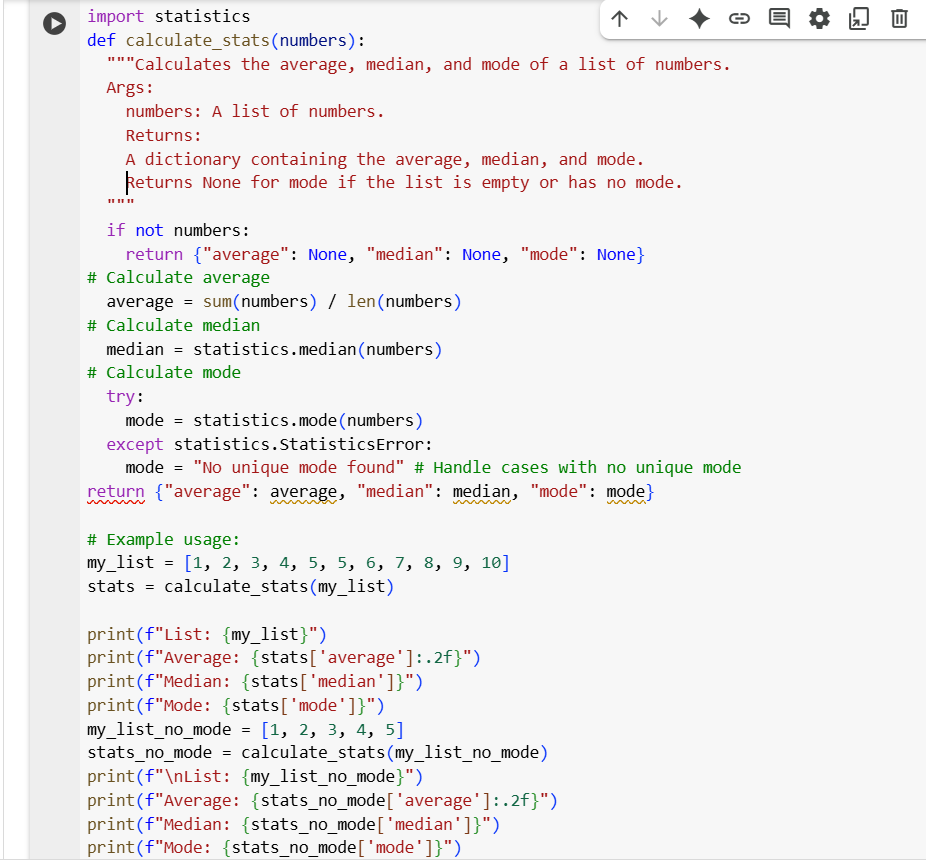
EXPLANATION:



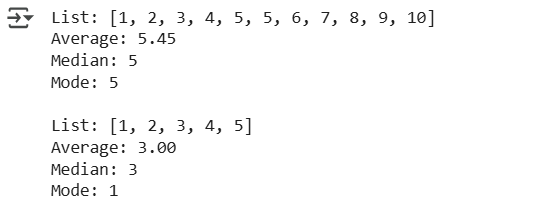
**Task2:**

Write a function to calculate average ,medianand mode of a list of numbers.

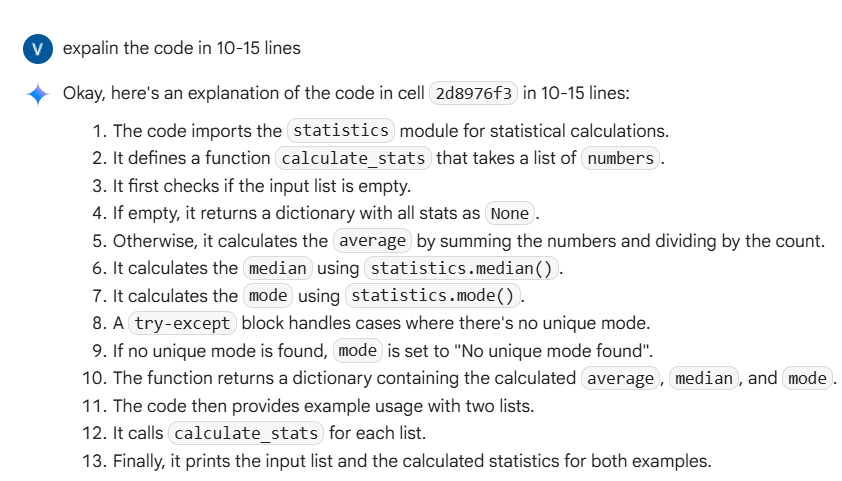
CODE:



**OUTPUT:**



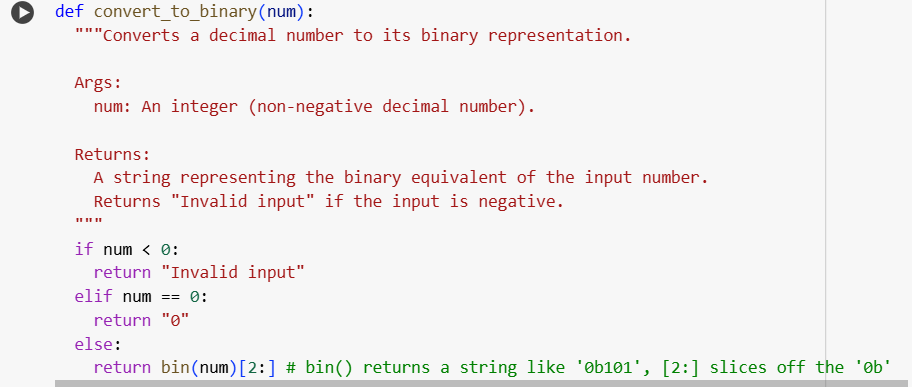
**EXPLANATION:**

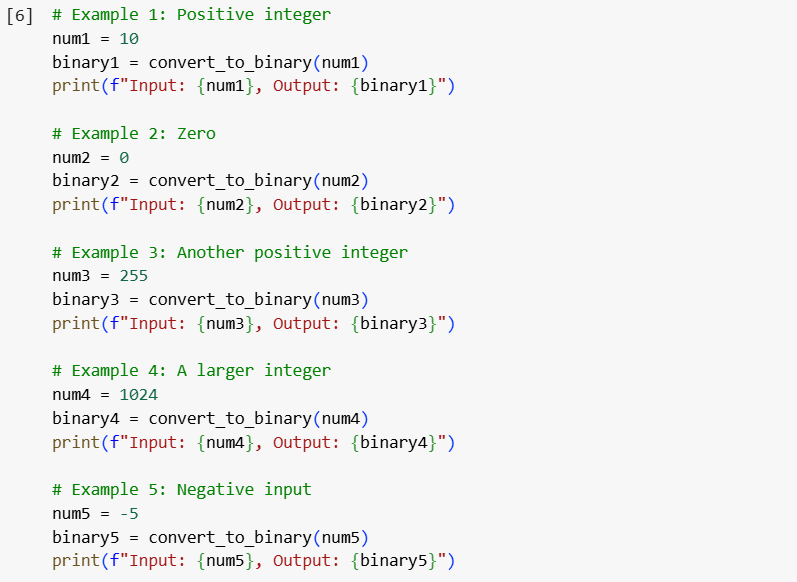


**Task3:**

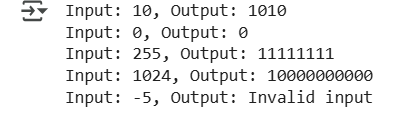
Multiple examples of input-output toconverttobinary(num) function.

**CODE:**

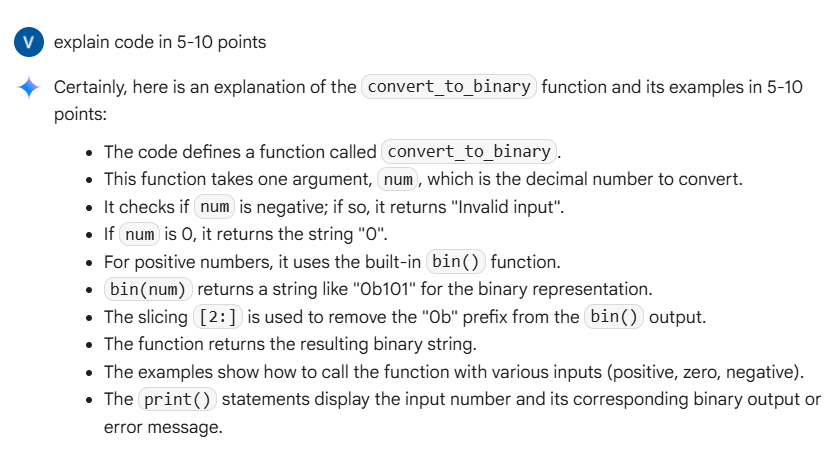
****

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**OUTPUT:**

****

**EXPLANATION:**

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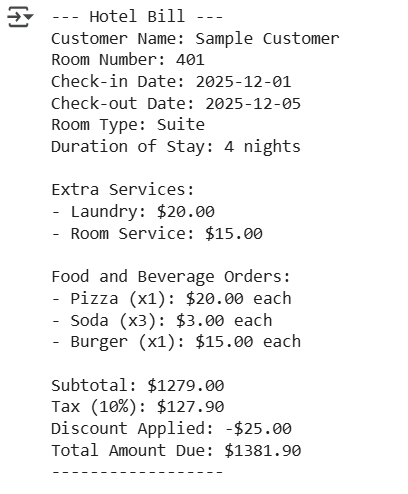
**Task4:**

An user interface for an hotel to generate bill based on customer requirements.

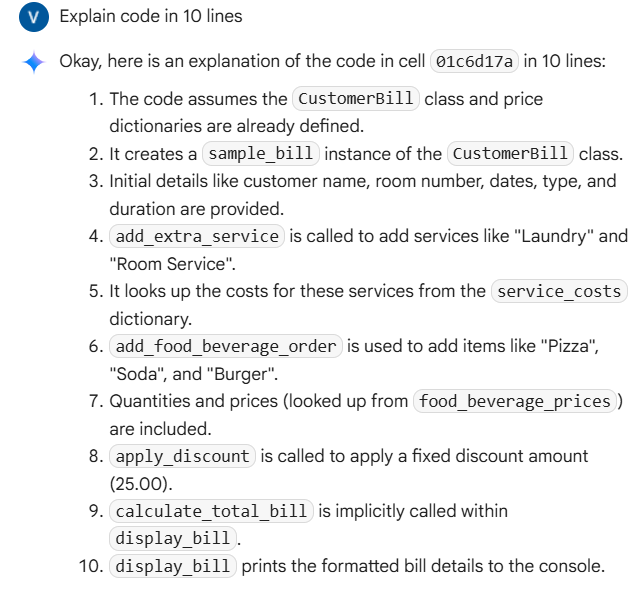
**CODE:**

****

**OUTPUT:**

****

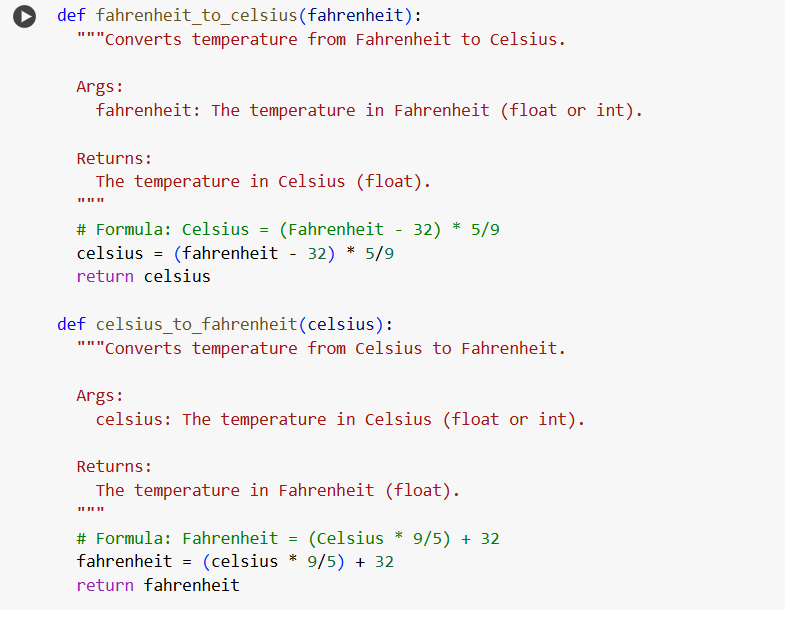
**EXPLANATION:**

****

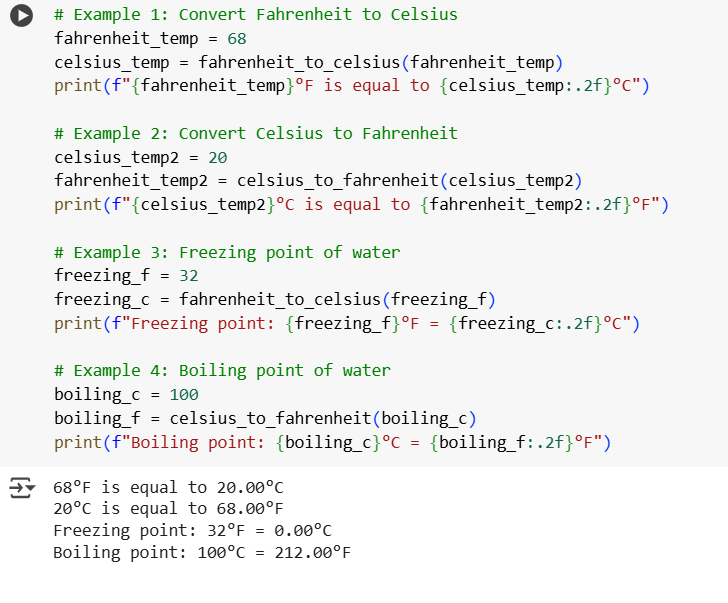
**Task5:**

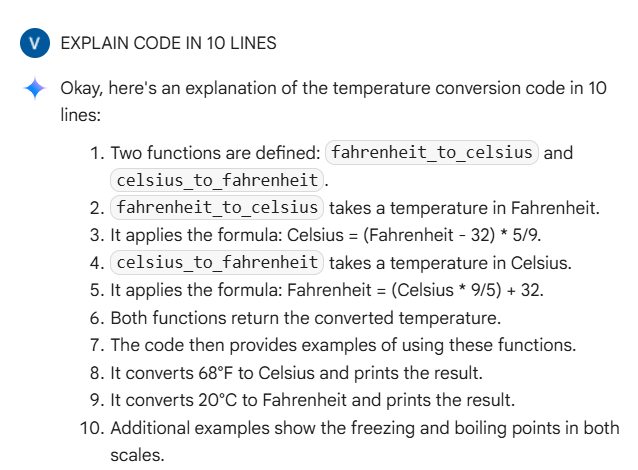
**Conversion of Fahrenheit to Celsius:**

**CODE:**

****

**OUTPUT:**

****

**EXPLANATION**