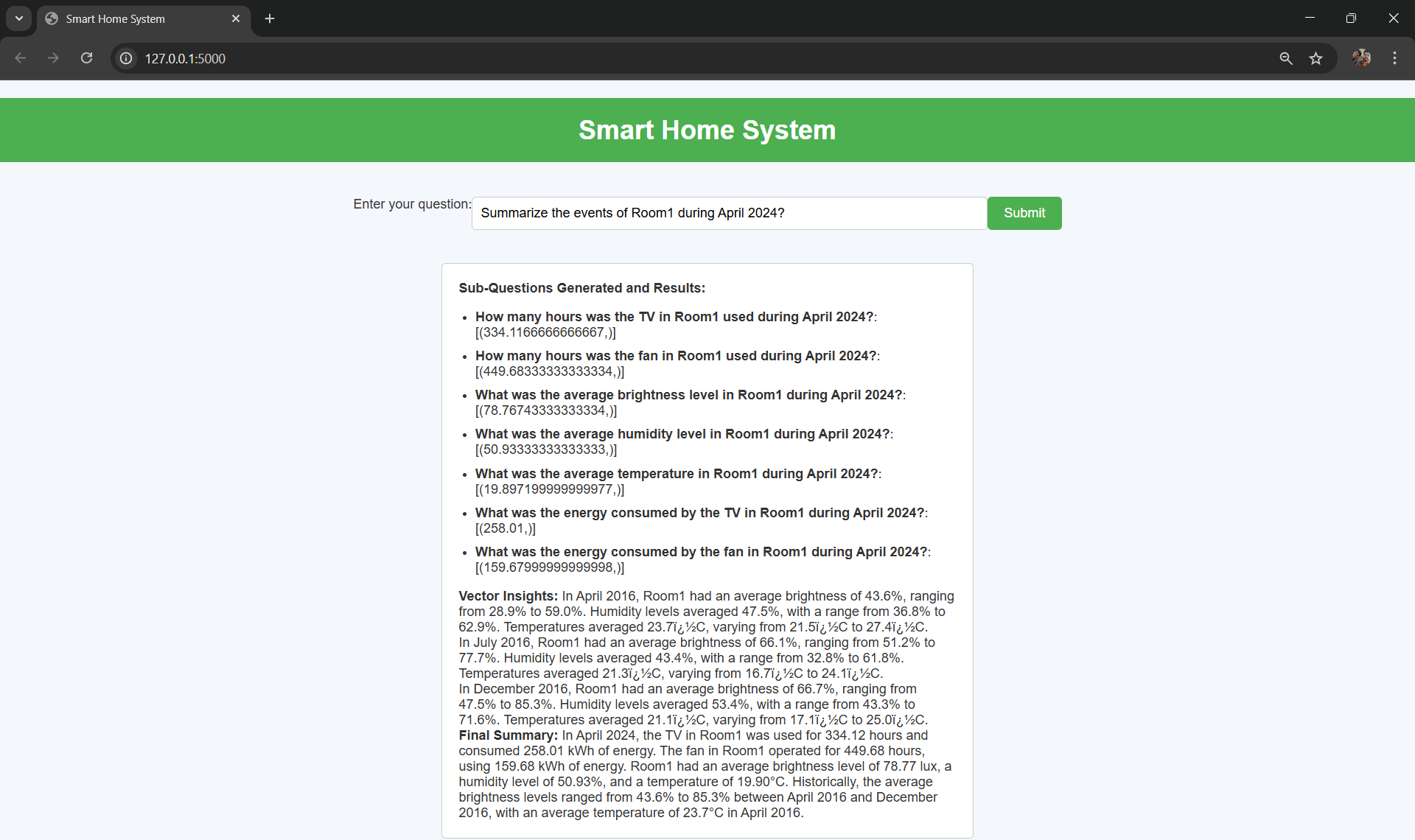
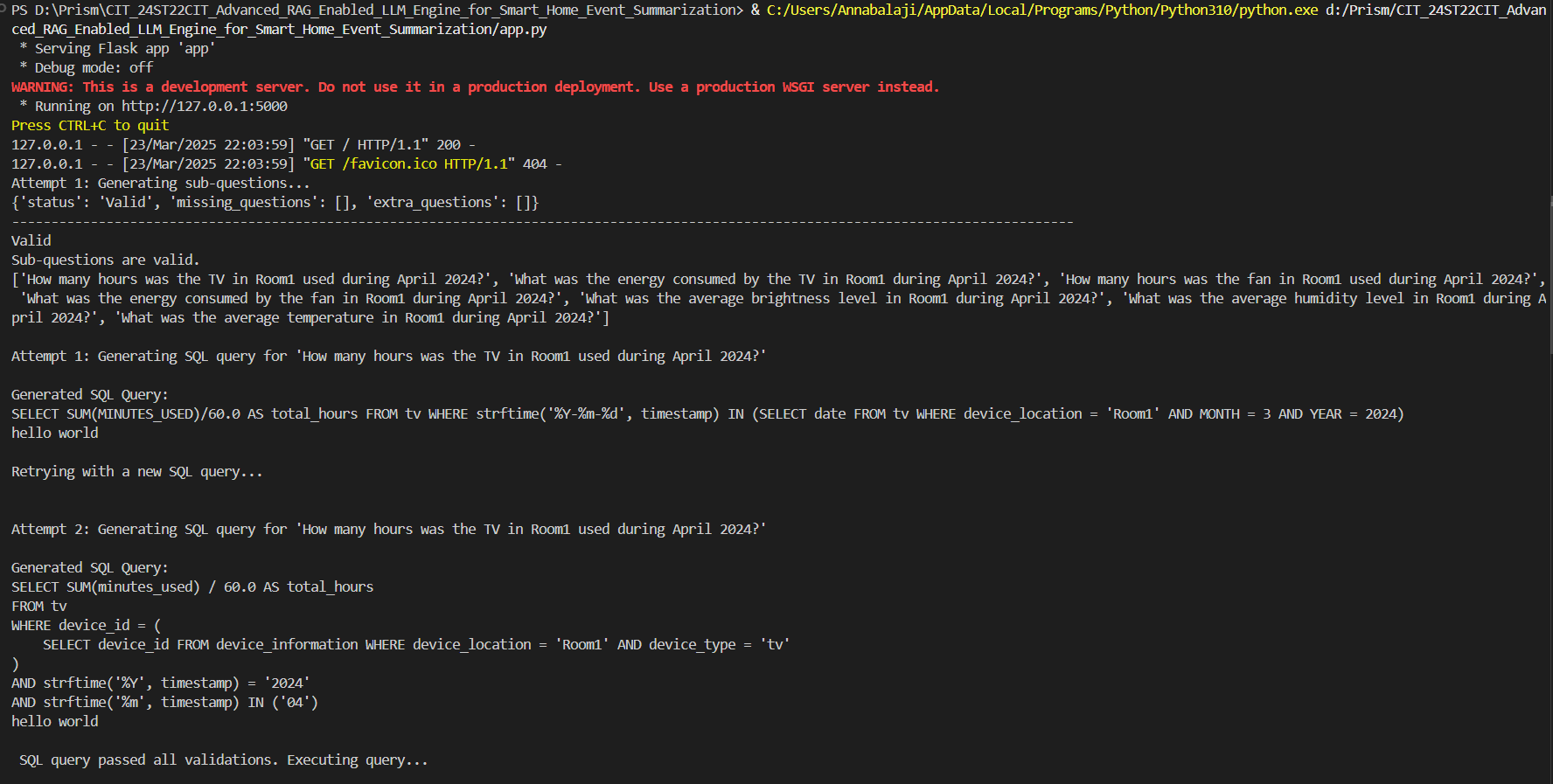
**Sample Inputs and Outputs of the Project:**

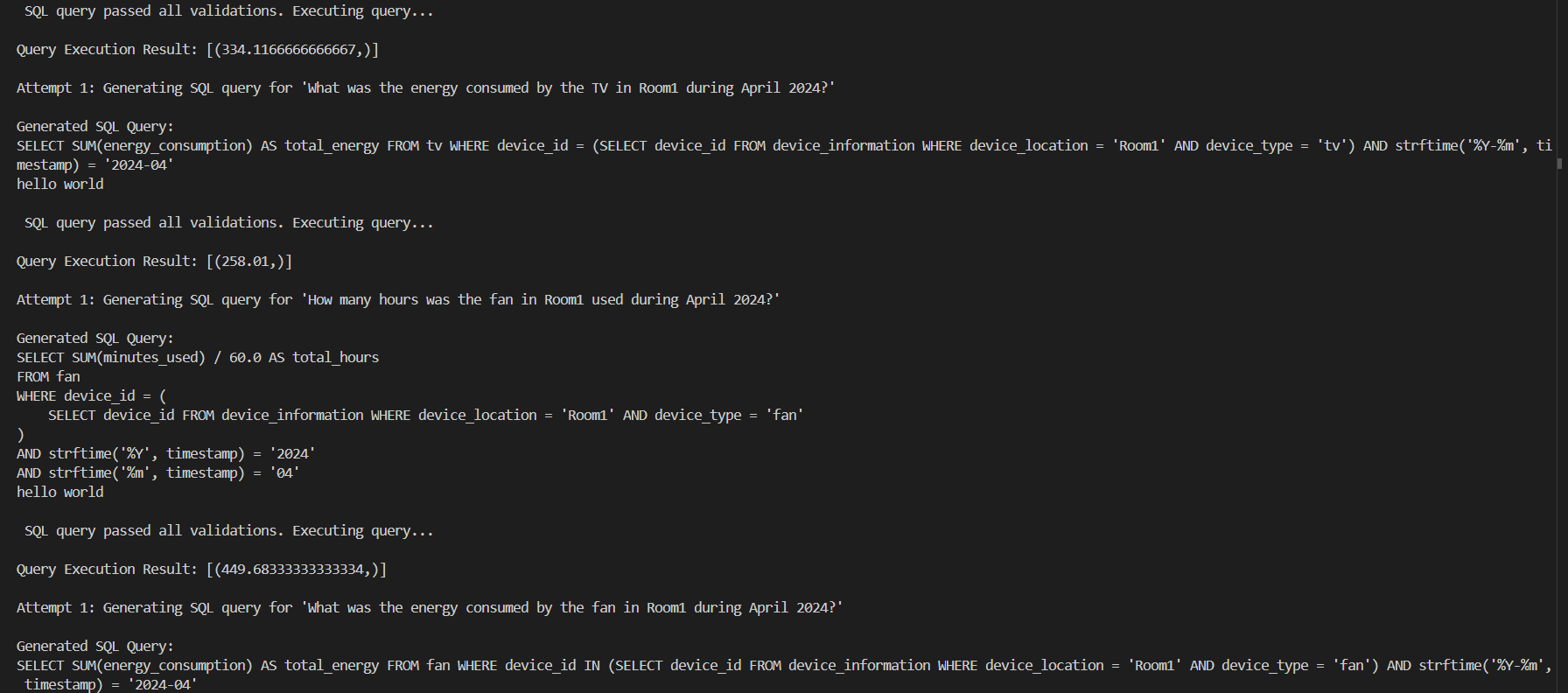
**Example 1:**

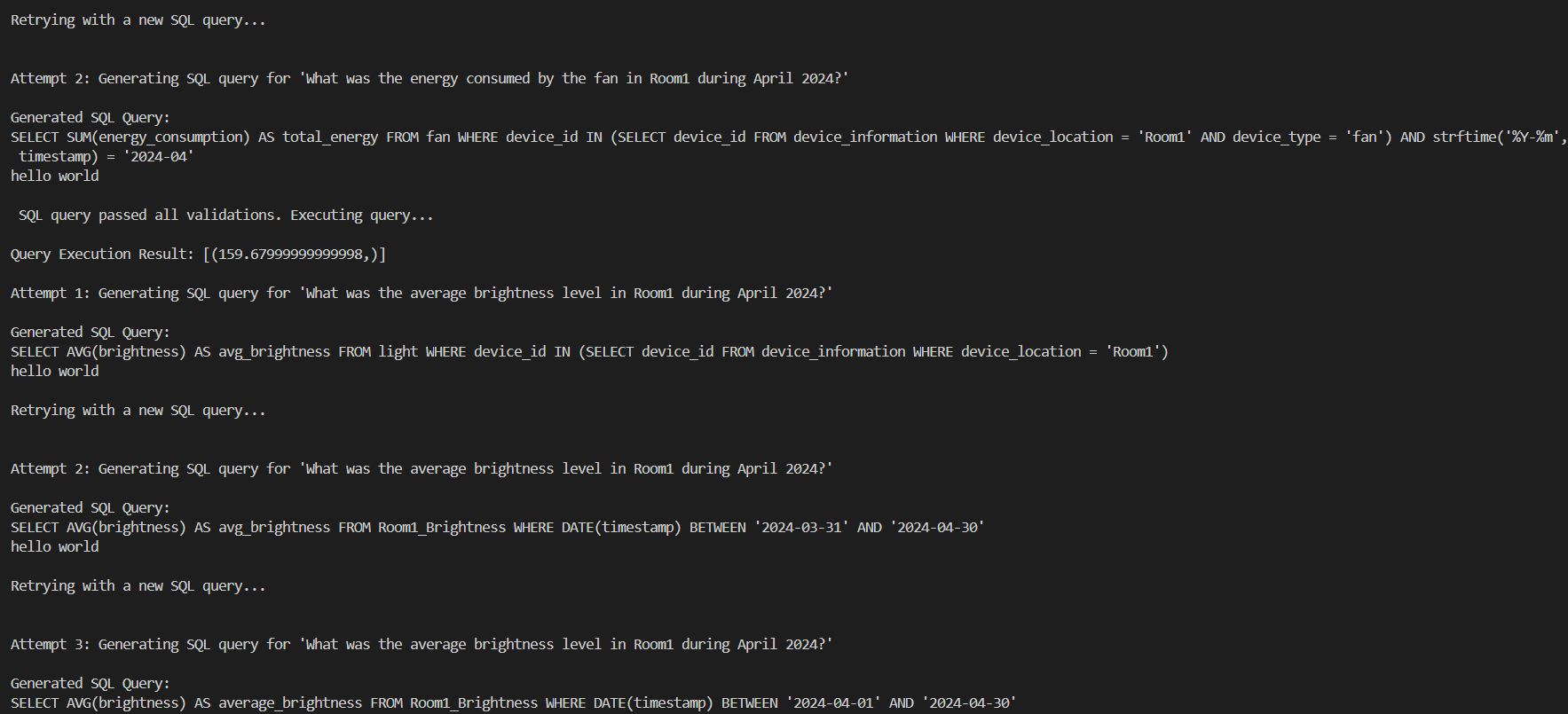
**Application Interface:**

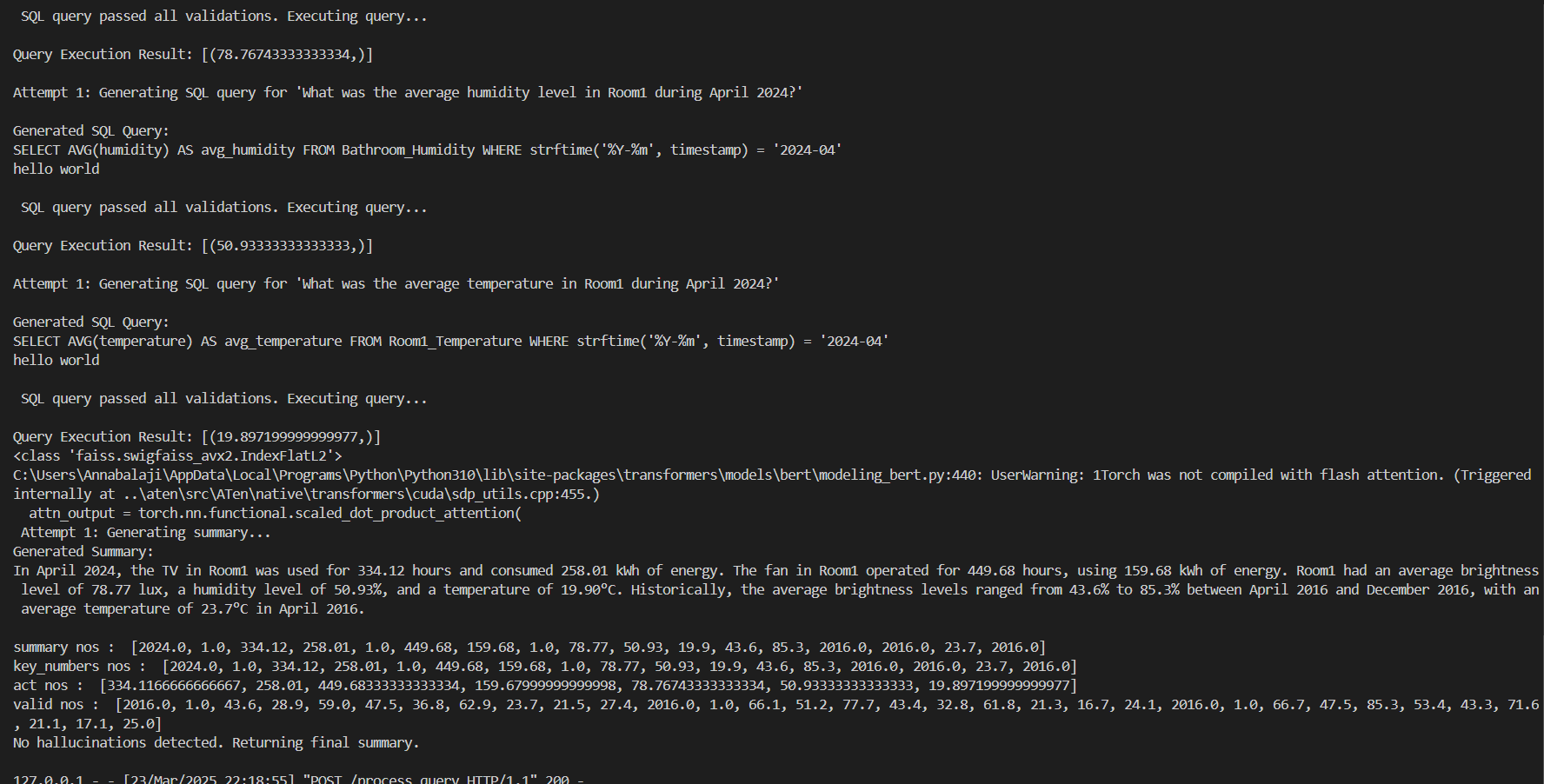


**Console :**



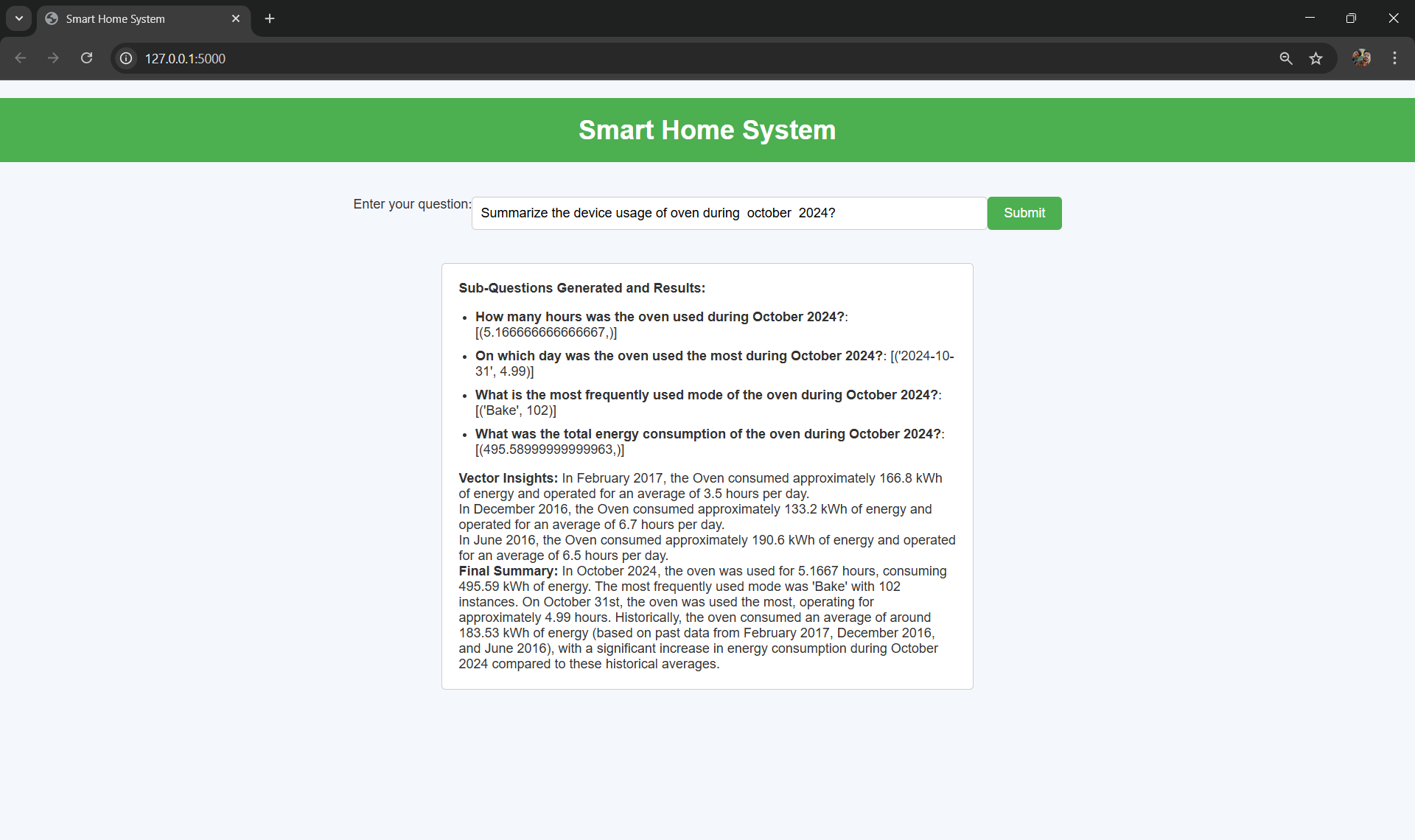


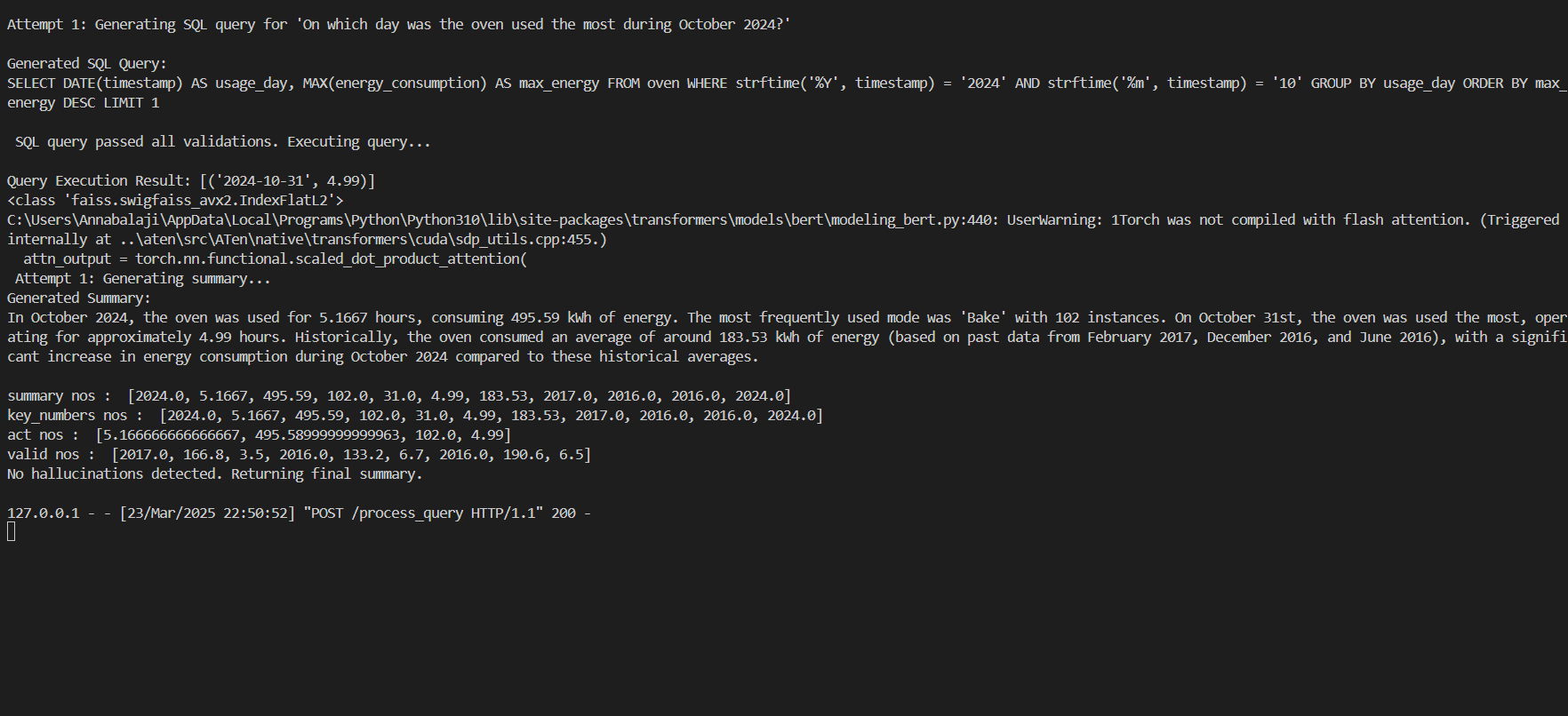
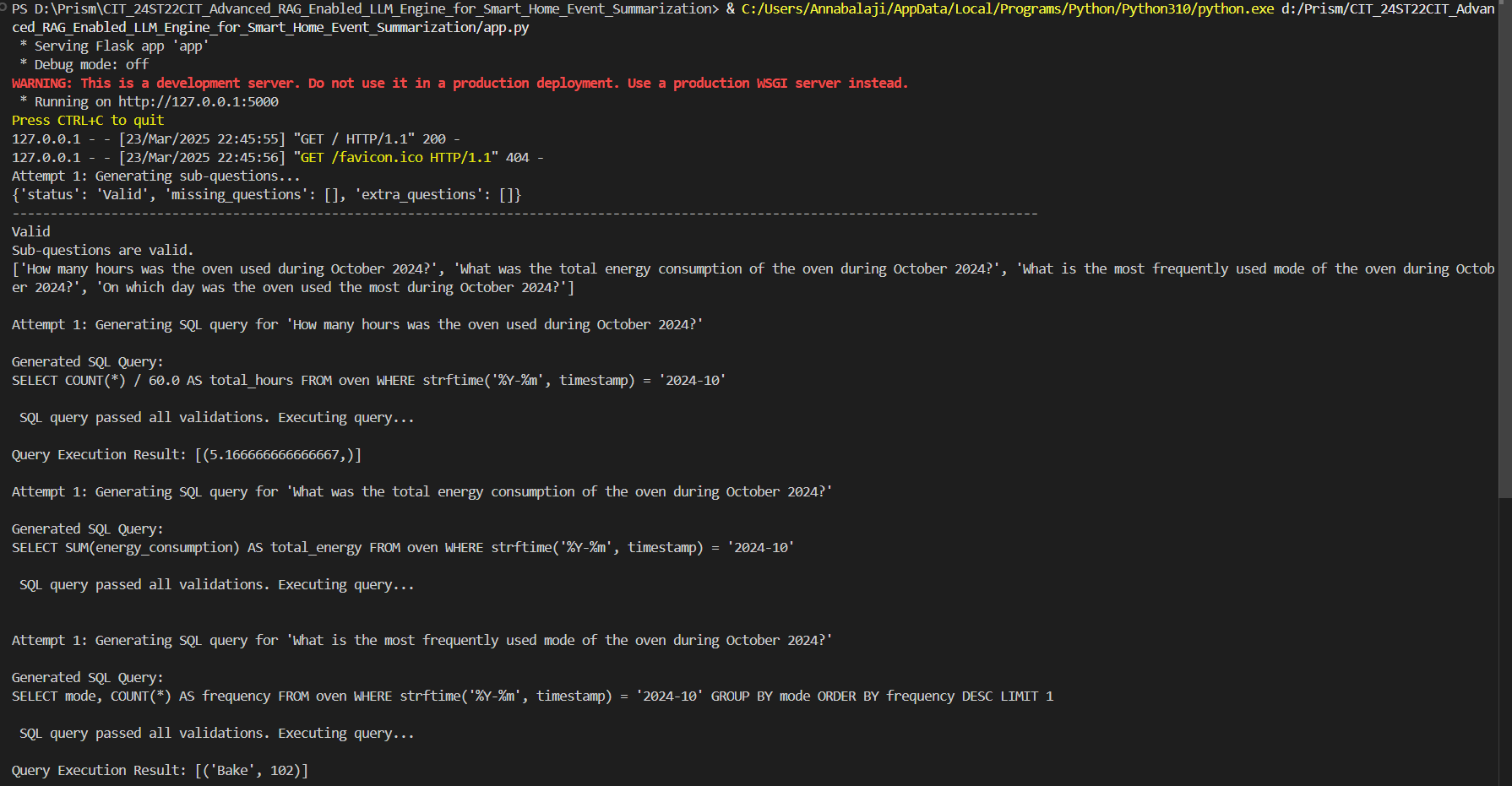




**Example 2:**

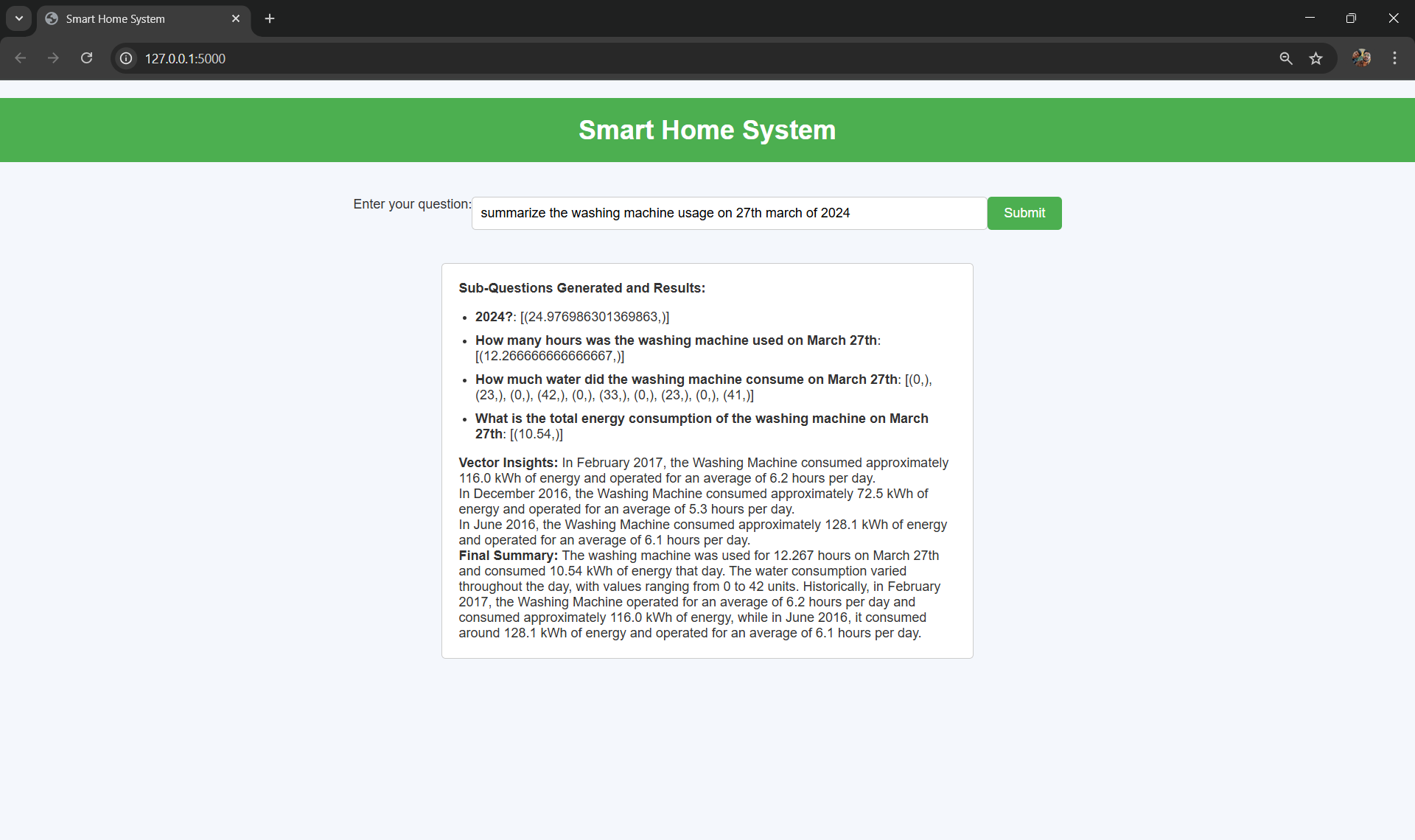
**Application Interface:**

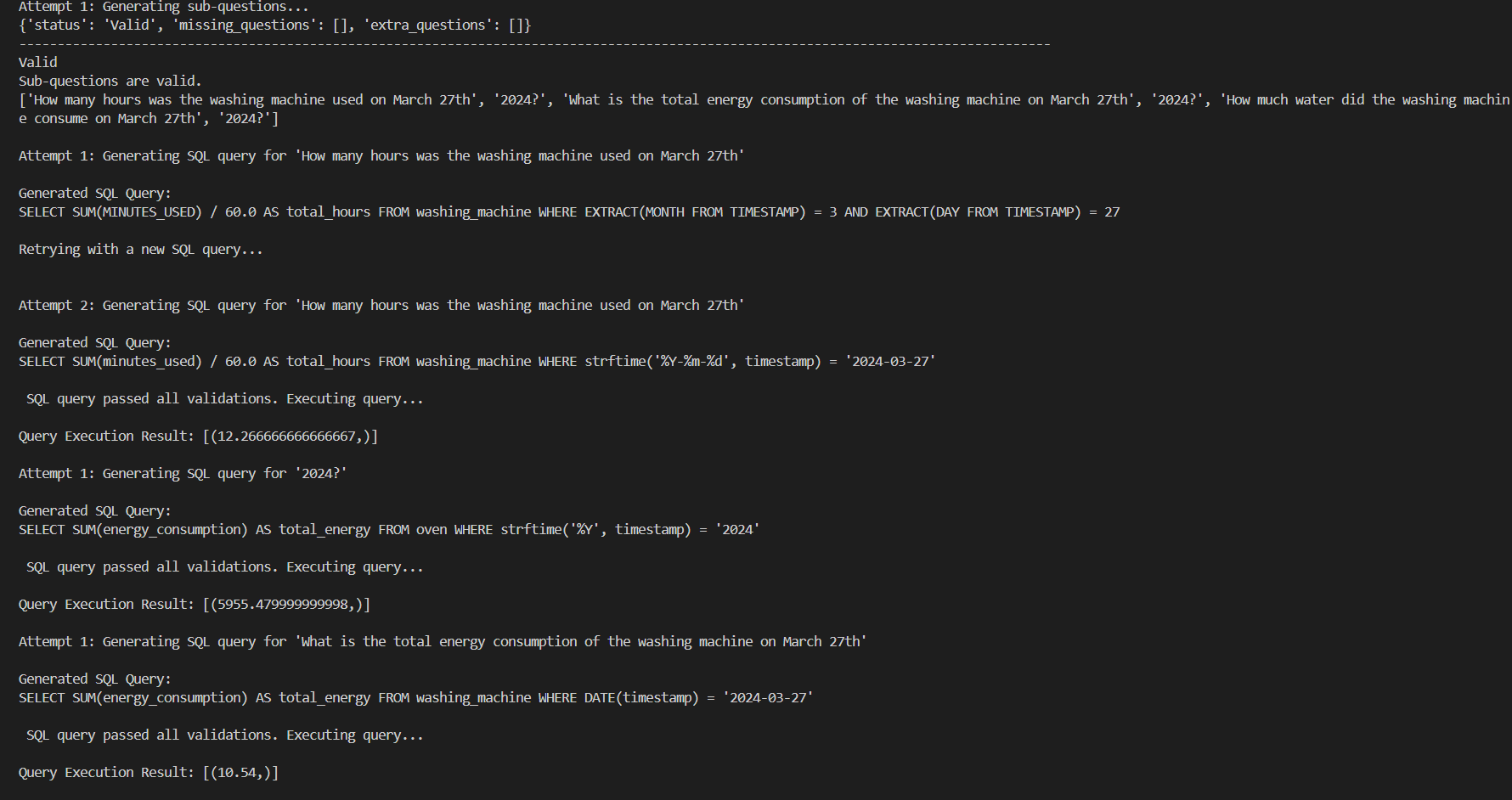
****

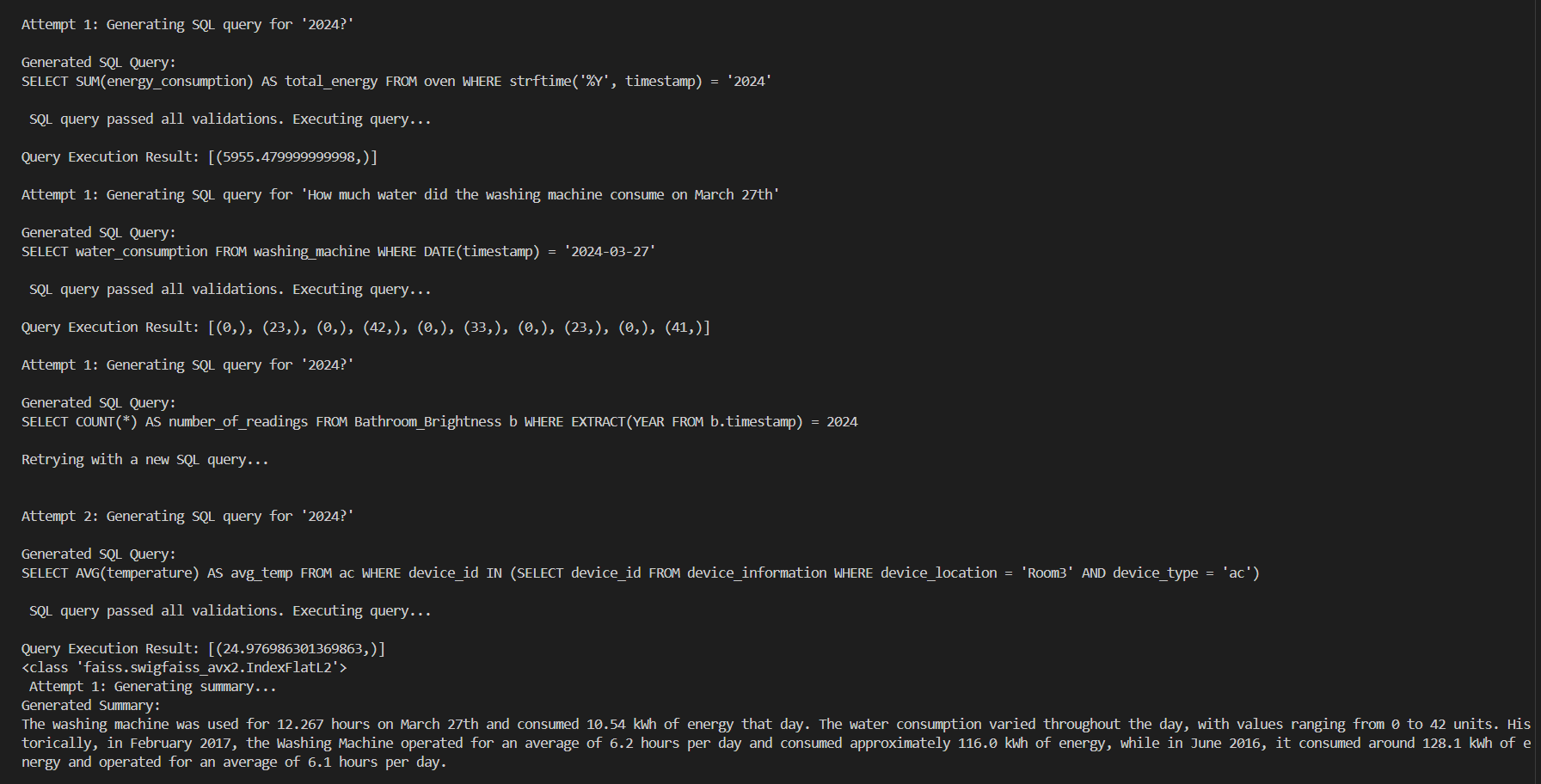
**Console:** 

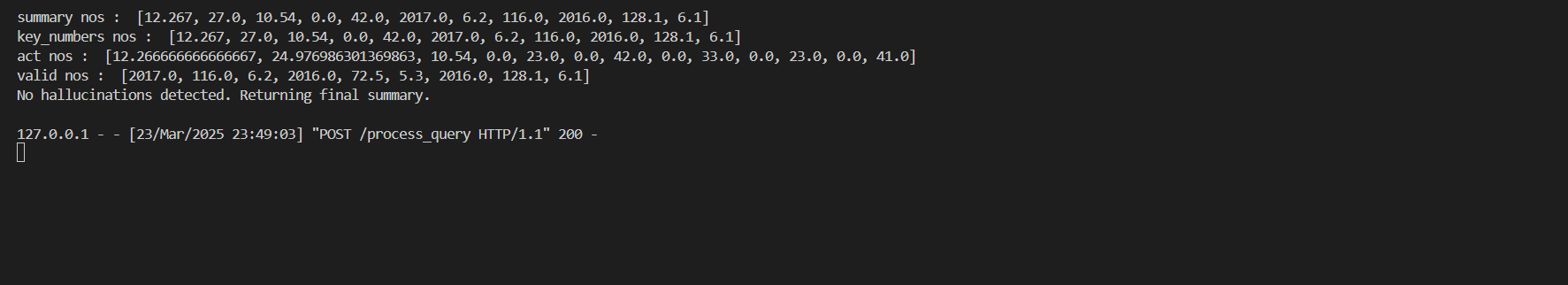
**Example 3;**

**Application Interface :**

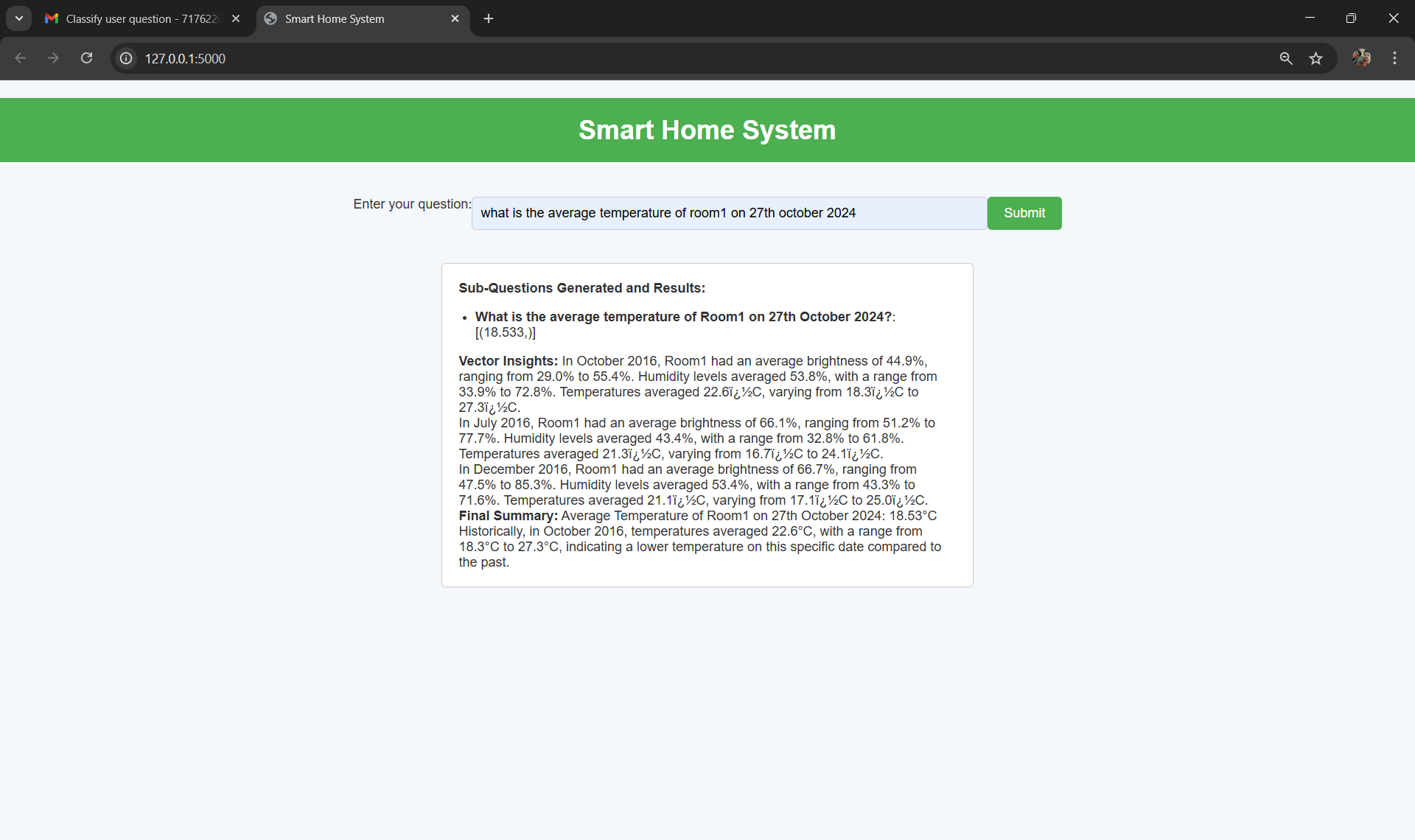


**Console:** 

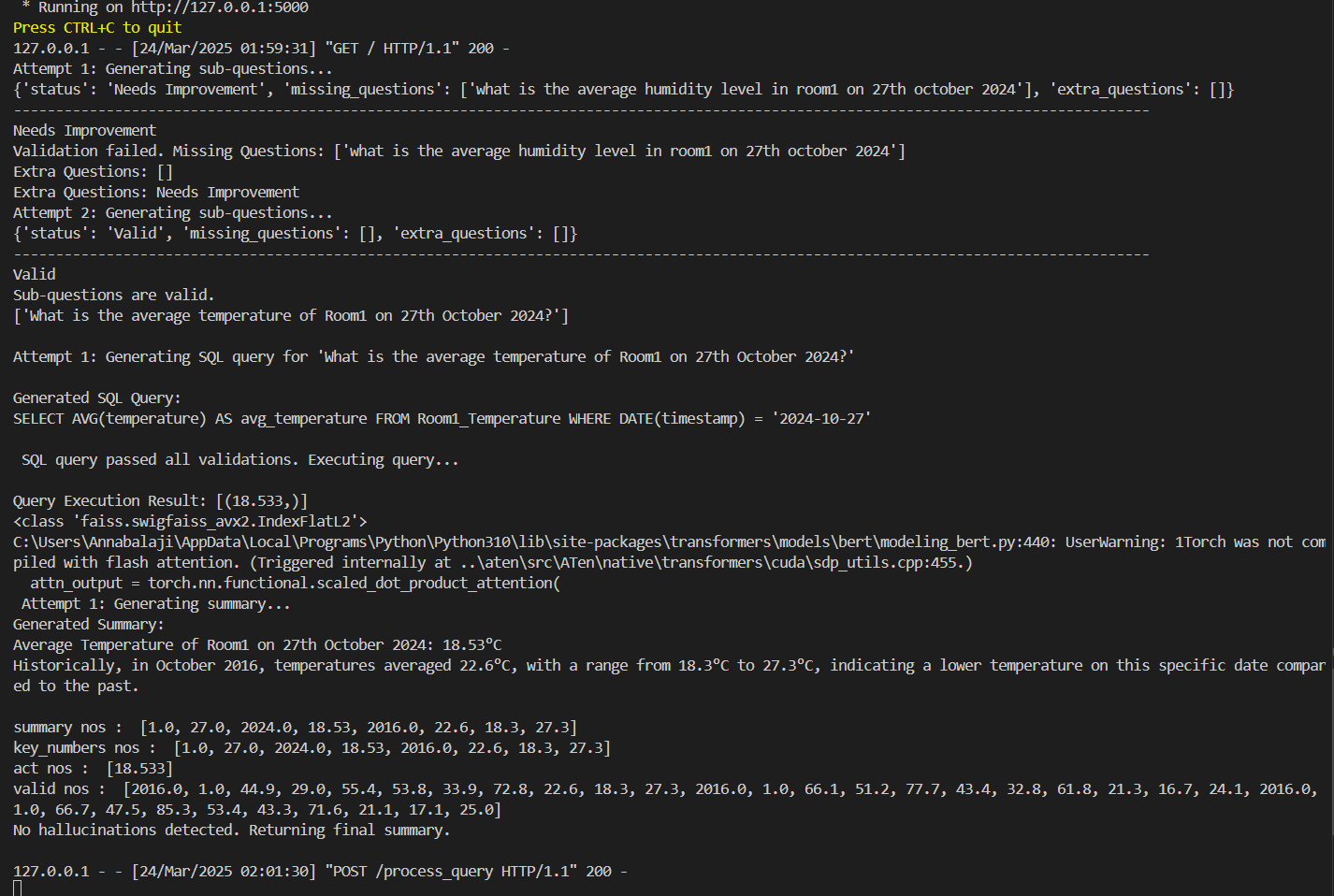




**Example 4:**

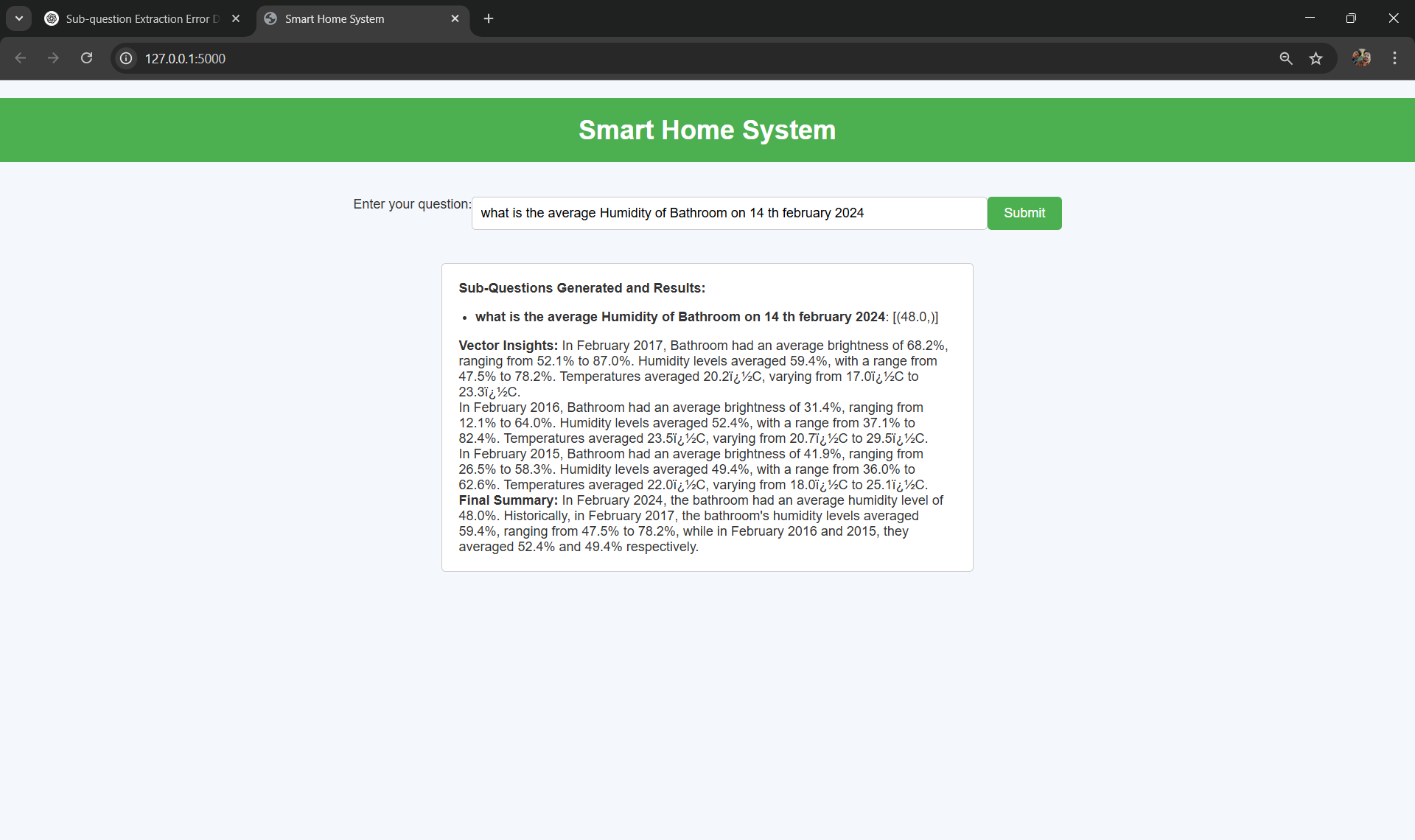
**Application Interface:** 

**Console:**



**Example 5:**

**Application Interface:**



**Console:**

