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**AI-ASSISTED-CODING**

**Lab exam-1**

**QUESTION 1:**

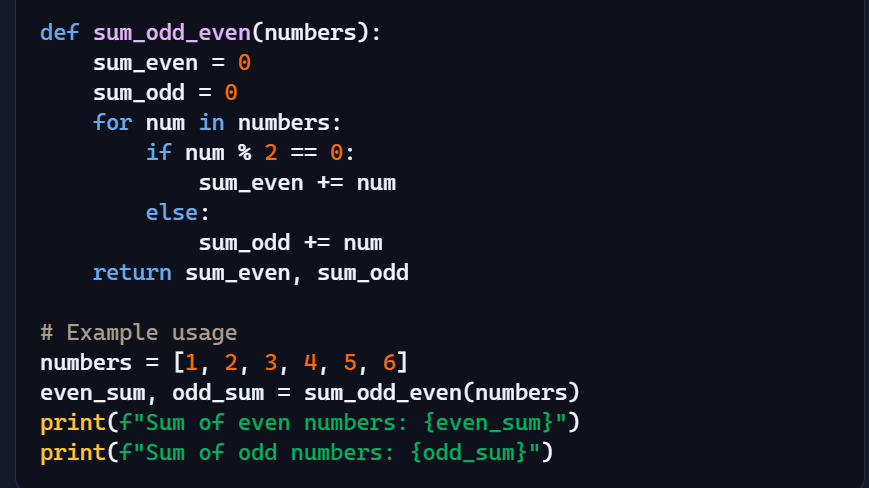
Write a python code to calculate the sum of odd and even numbers in given list using github copilot along with vs code.use zero shot prompting.

**PROMPT:**

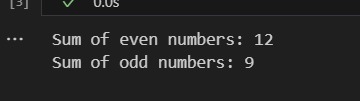
*“generate a python code to calculate the sum of odd and even numbers in given list.”*

*List:*

*Numbers=[1,2,3,4,5,6]*

**

**Output:**

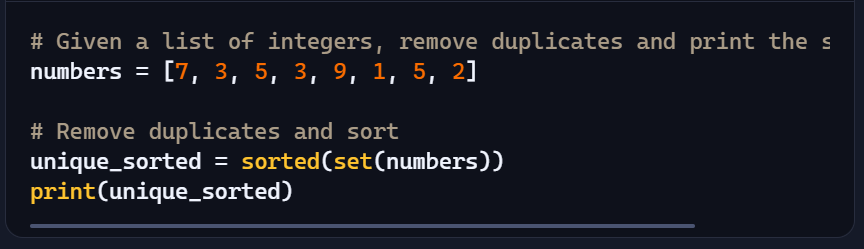


**QUESTION 2:**

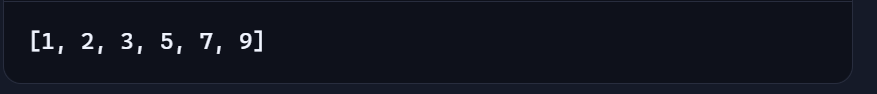
Write a python code for given a list of integers.Remove duplicates and print the sorted result.github copilate along with vs code use one shot prompting.

**Prompt:**

**“***generate python code for given a list of integers.Remove duplicates and print the sorted result”*

**

**Output:**

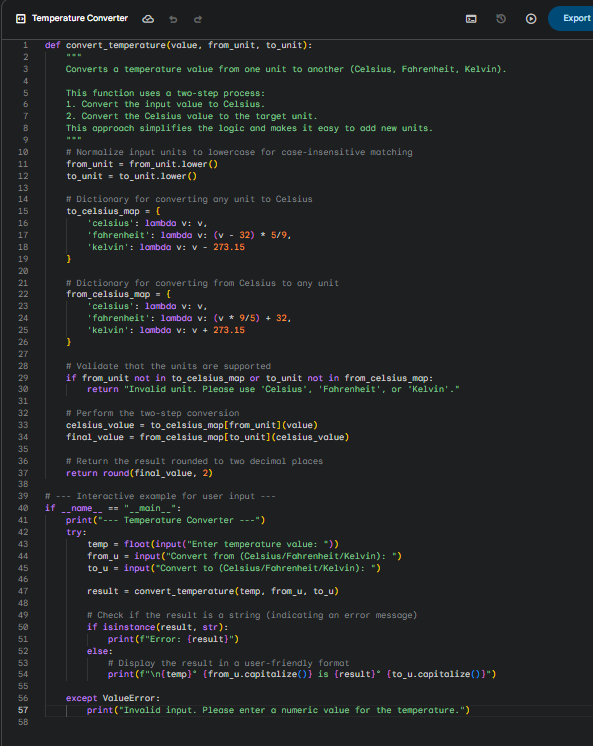


**QUESTION 3:**

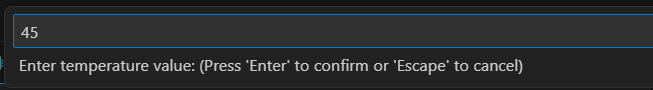
Write a python function that converts the tempertature between Celsius,fahrenbeit,and kelvin based on user choice use the cursor ai tool use few shot prompting

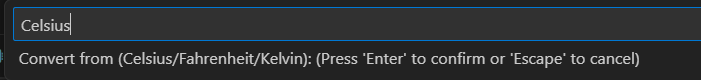
**Prompt:**

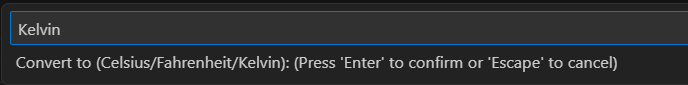
*“Generate a python function that converts the tempertature between Celsius,fahrenbeit,and kelvin based on user choice”*

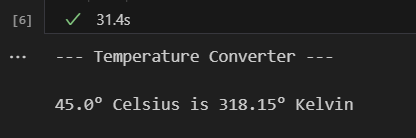


***Output:***







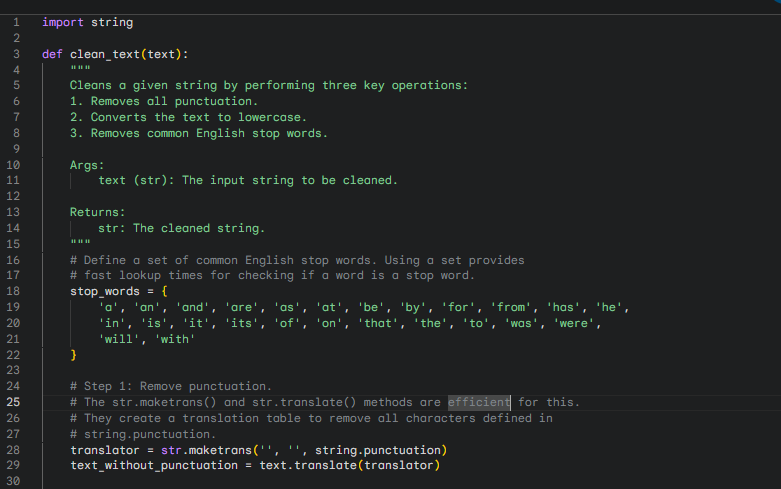


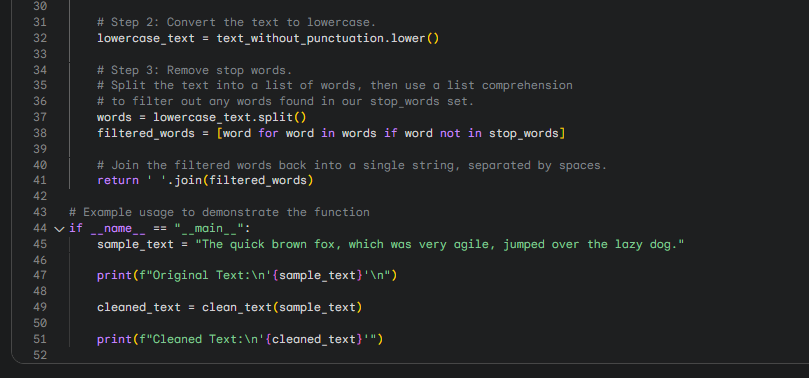
QUESTON 4:

Write a python function to remove punctuation convert to lowercase and remove stop words from a given text use the cursor ai tool use zeroshot prompting

**Prompt:**

*“Generate a python function to remove punctuation convert to lowercase and remove stop words from a given text.”*





**Output:**

