ASSIGNMENT-3.2

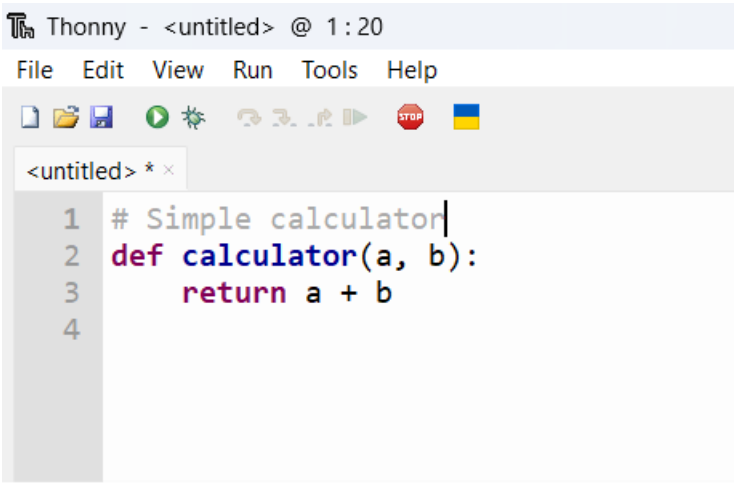
NAME:-G.VARSHITHA

BATCH-16

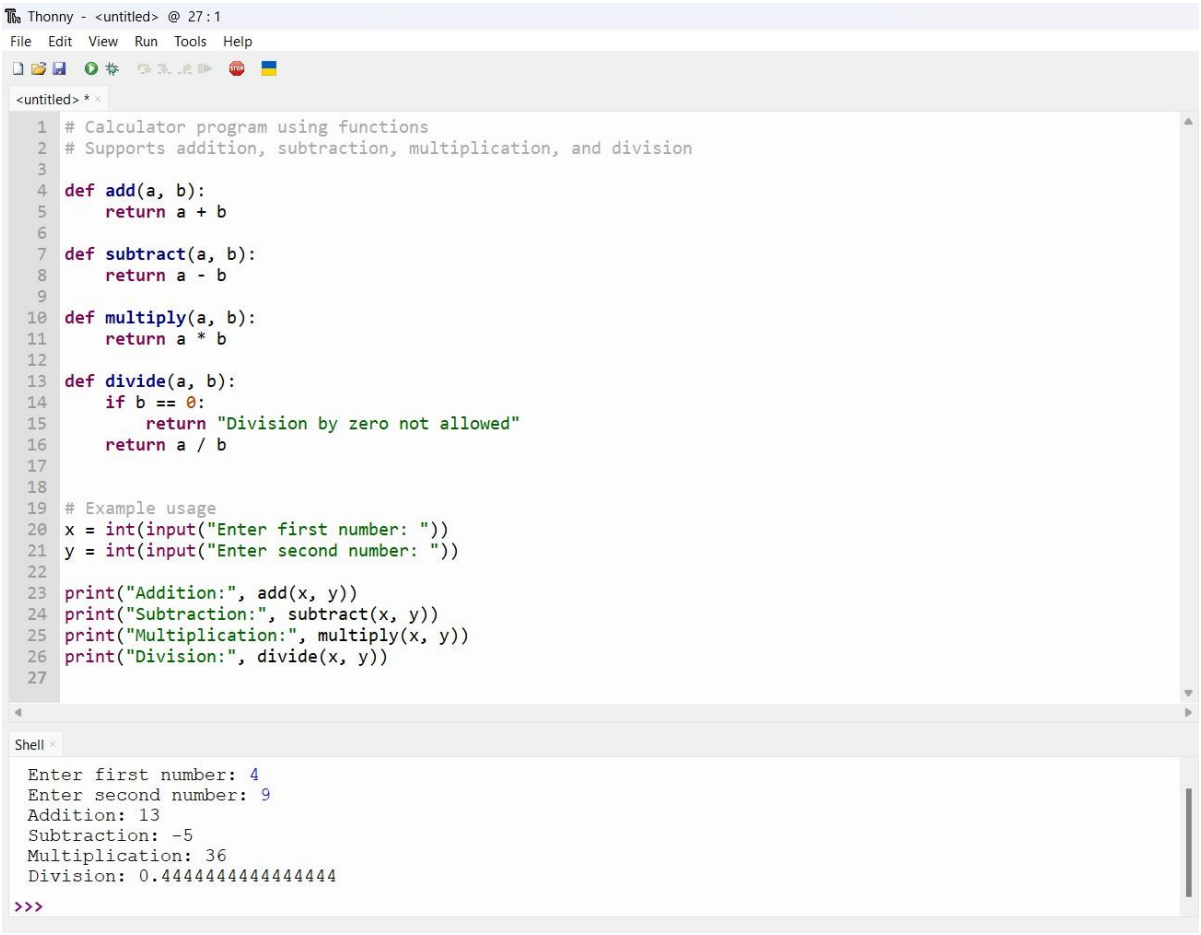
HTNO:-2303A51053

Task1:ProgressivePromptingforCalculatorDesign Initial

AI Output (Basic Calculator)

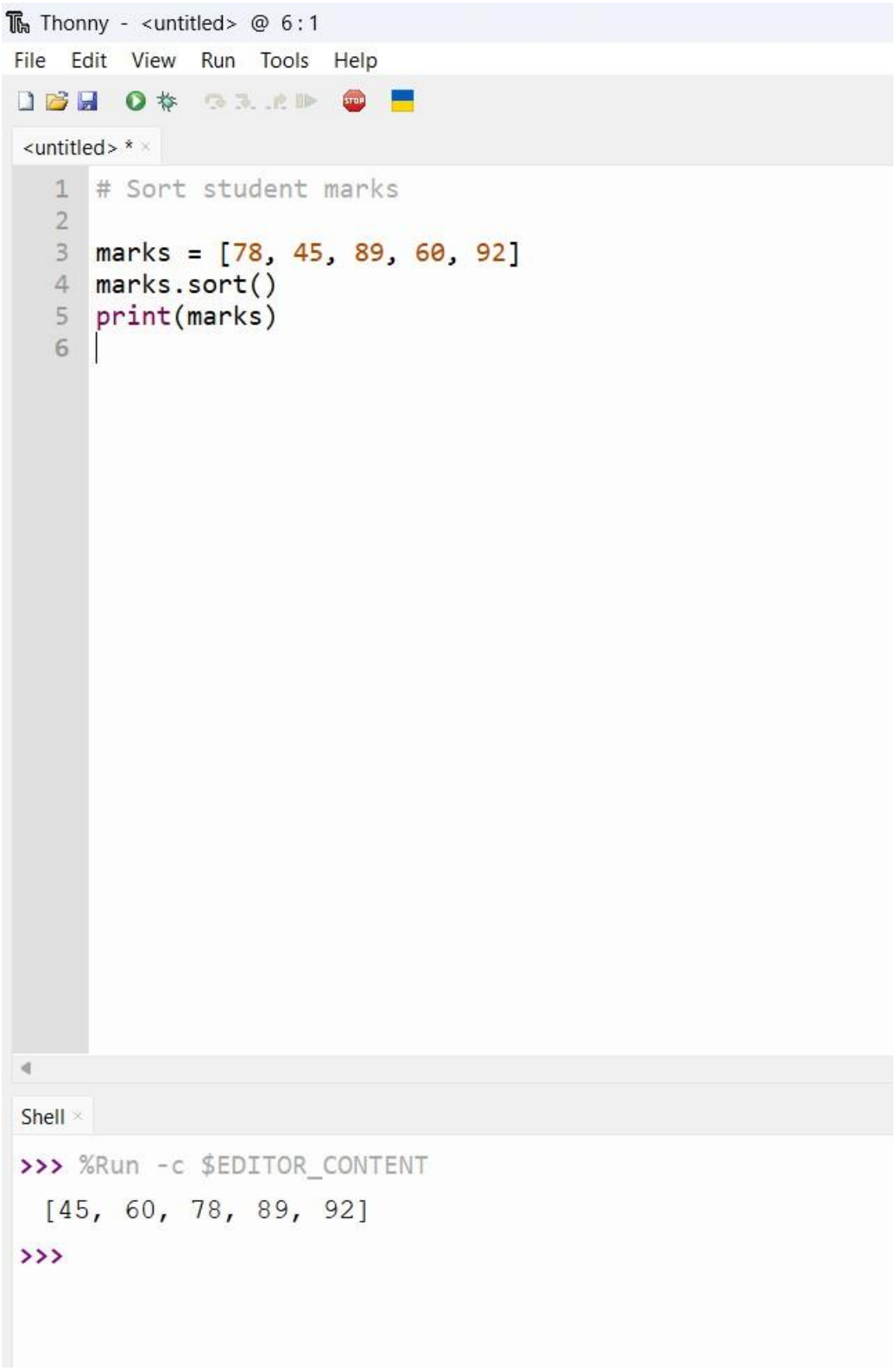


ImprovedAIOutput(WithComments&UsageExamples):-

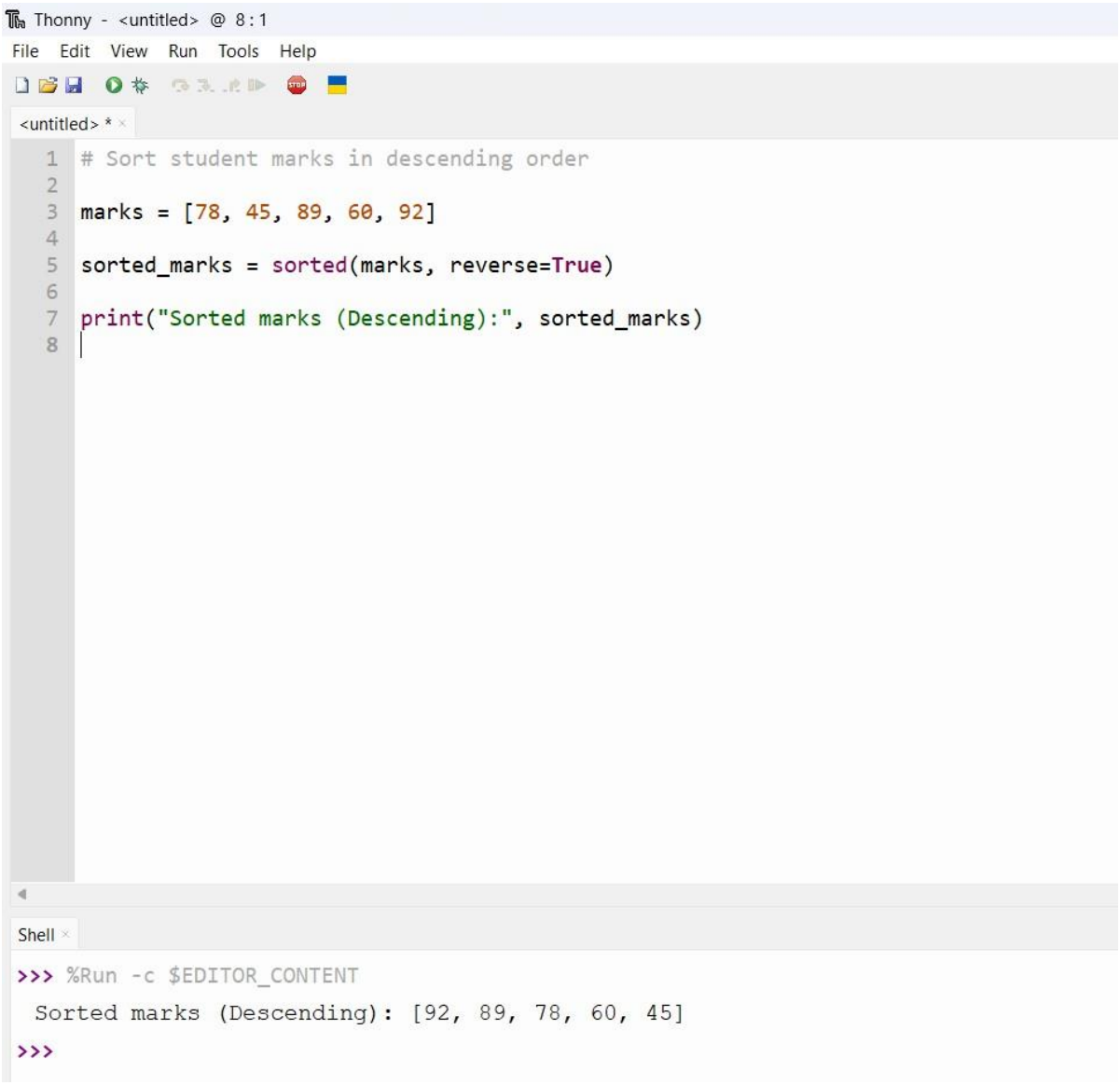


Task2:RefiningPromptsforSortingLogic Initial

AI Output (Vague Prompt):-

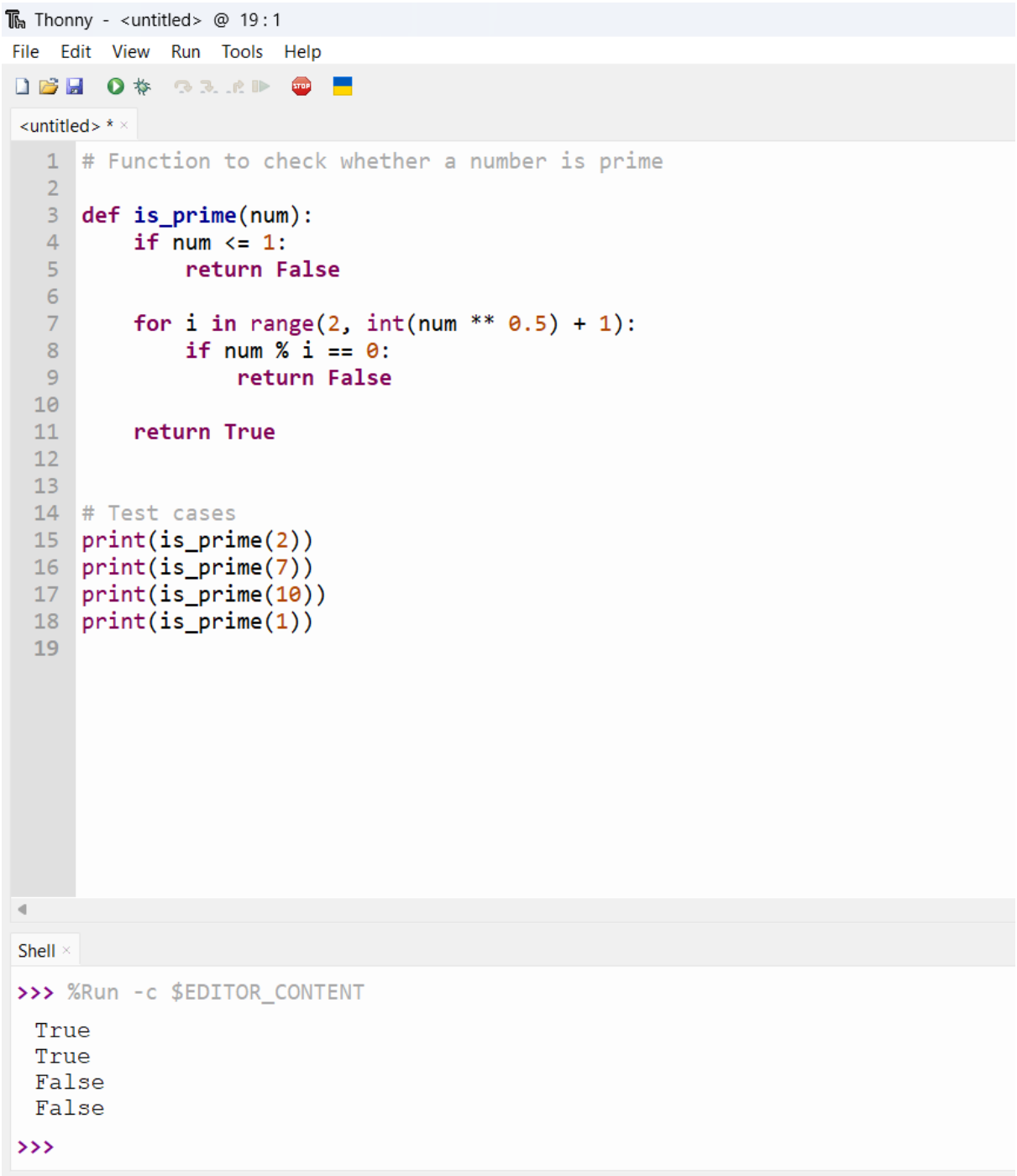


RefinedAIOutput(ClearPromptwithOrder&Constraints):-

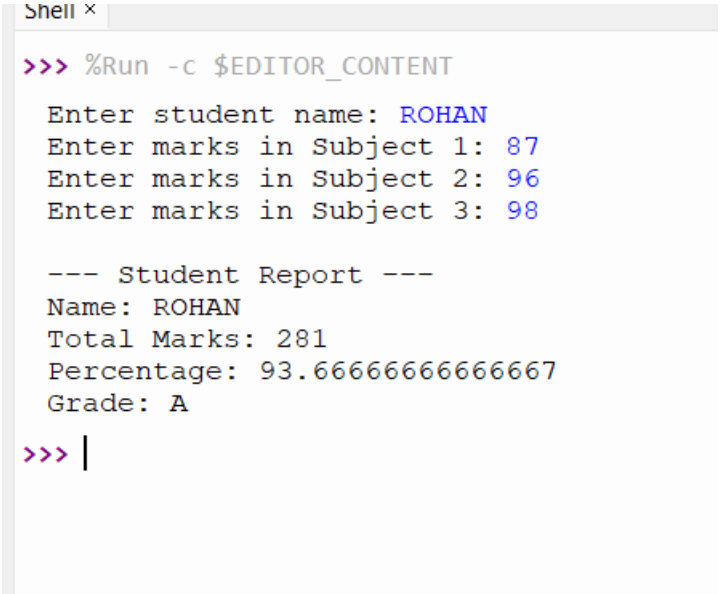


Task3:Few-ShotPromptingforPrimeNumberValidation

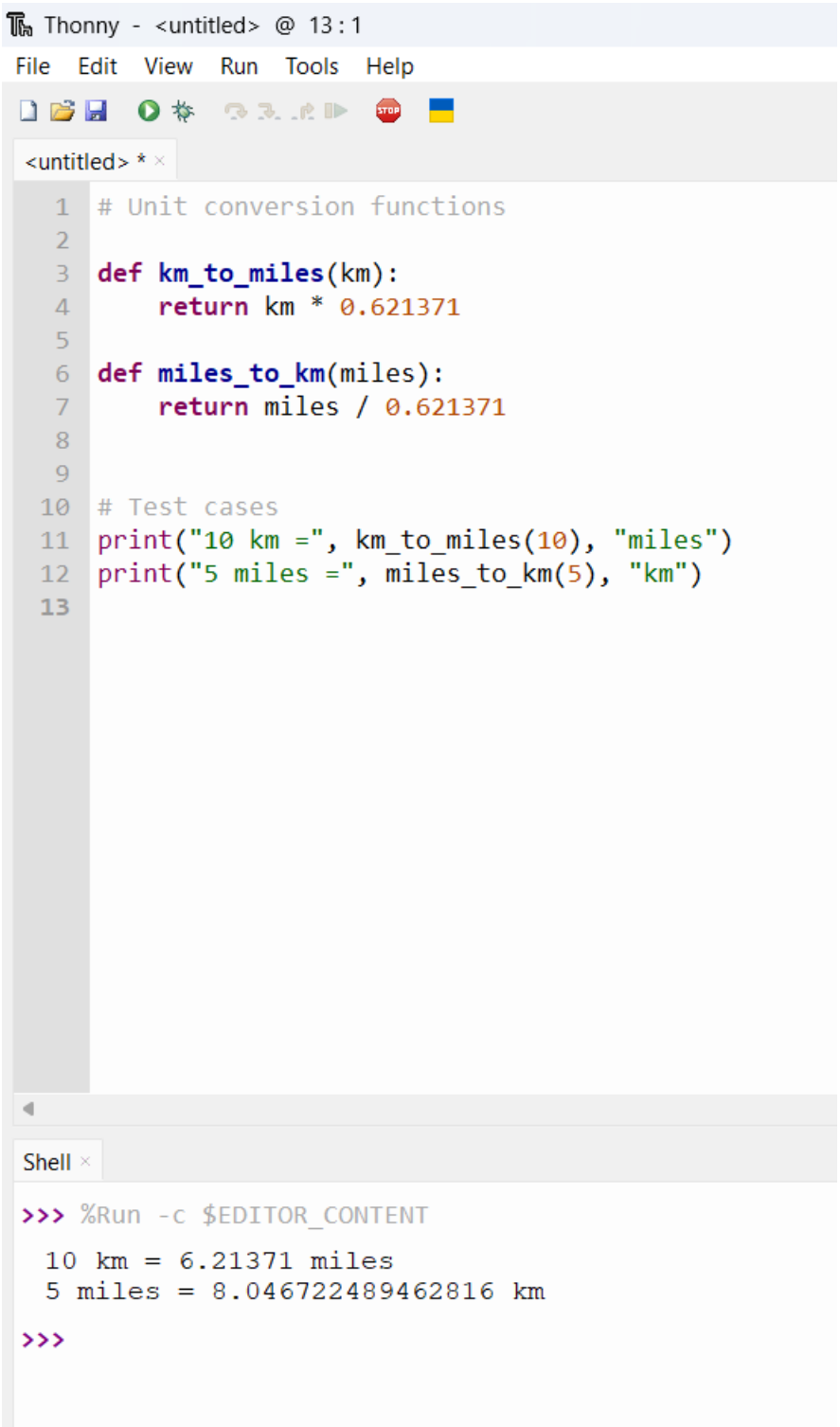
AI-Generated Prime Checking Function:-



Task4:Prompt-GuidedUIDesignforStudentGradingSystem:-



Task5:PromptSpecificityinUnitConversionFunctions:-


Thonny - <untitled> @ 13 : 1
File Edit View Run Tools Help
<untitled> *
1 # Unit conversion functions
2
3 def km_to_miles(km):
4 return km * 0.621371
5
6 def miles_to_km(miles):
7 return miles / 0.621371
8
9
10 # Test cases
11 print("10 km =", km_to_miles(10), "miles")
12 print("5 miles =", miles_to_km(5), "km")
13
Shell
>>> %Run -c $EDITOR_CONTENT
10 km = 6.21371 miles
5 miles = 8.046722489462816 km
>>>