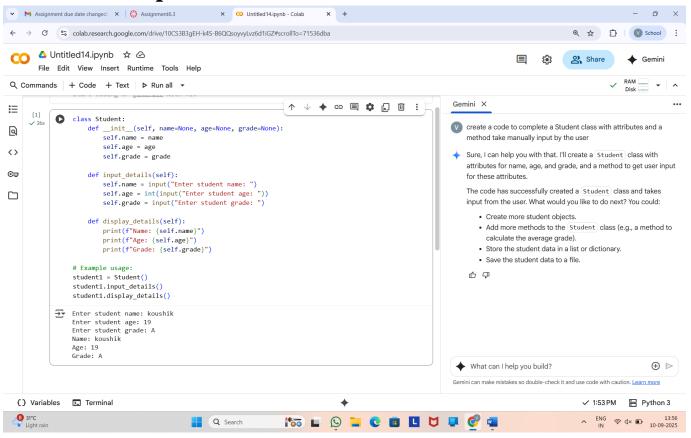
# **AI-Assisted Coding**

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#### Task-1:

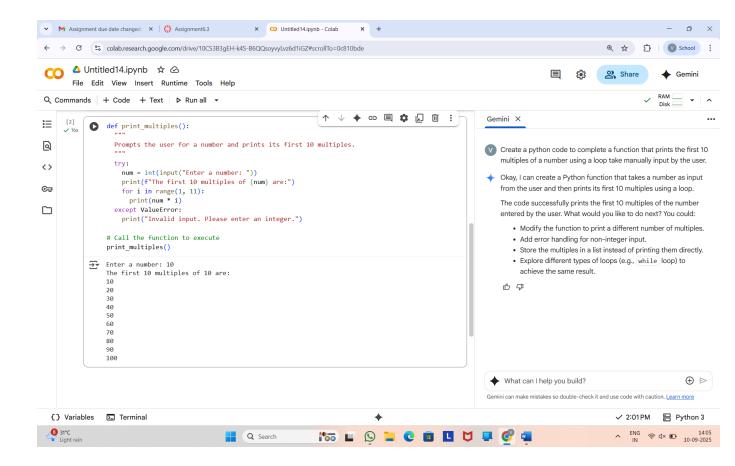
**Prompt:** Create a code to complete a Student class with attributes and a method take manually input by the user.



Observation: The task successfully demonstrated how to create a Python class with attributes and a method that takes user input to populate those attributes. This is a fundamental concept in object-oriented programming for creating custom data structures and behaviors.

#### Task-2:

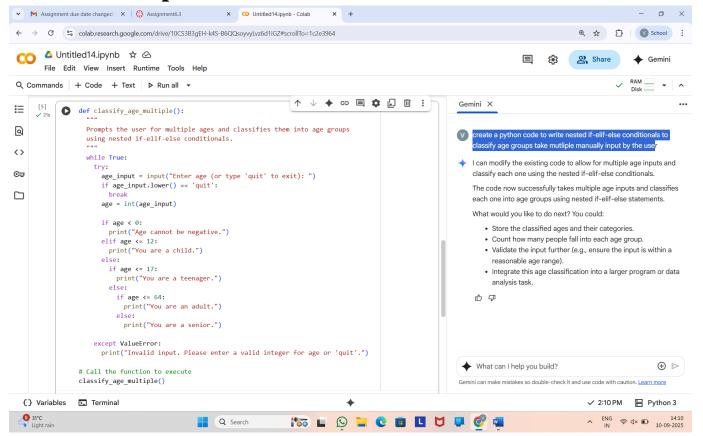
**Prompt:** Create a python code to complete a function that prints the first 10 multiples of a number using a loop take manually input by the user.

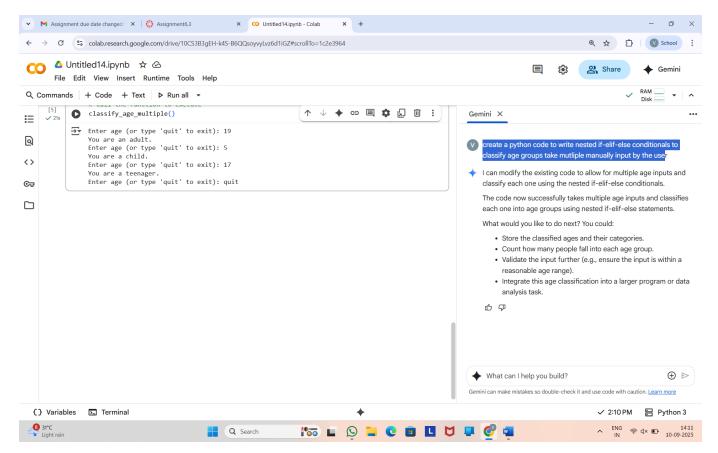


**Observation:** This task successfully demonstrated how to define a Python function that takes user input and uses a for loop to iterate and perform a calculation (multiplication) a specific number of times. It also included basic error handling for invalid input

#### Task-3:

**Prompt:** Create a python code to write nested if-elifelse conditionals to classify age groups take mutliple manually input by the user.

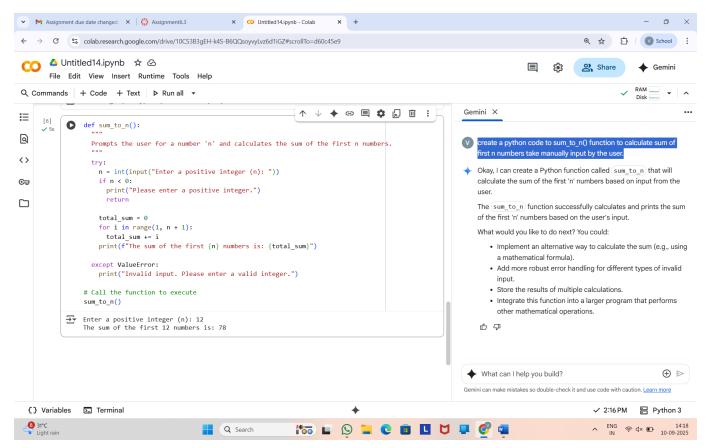




**Observation:** This task successfully demonstrates how to use a while loop to repeatedly take user input and apply nested if-elif-else conditions to classify each input. It also includes a mechanism for the user to exit the input loop.

#### Task-4:

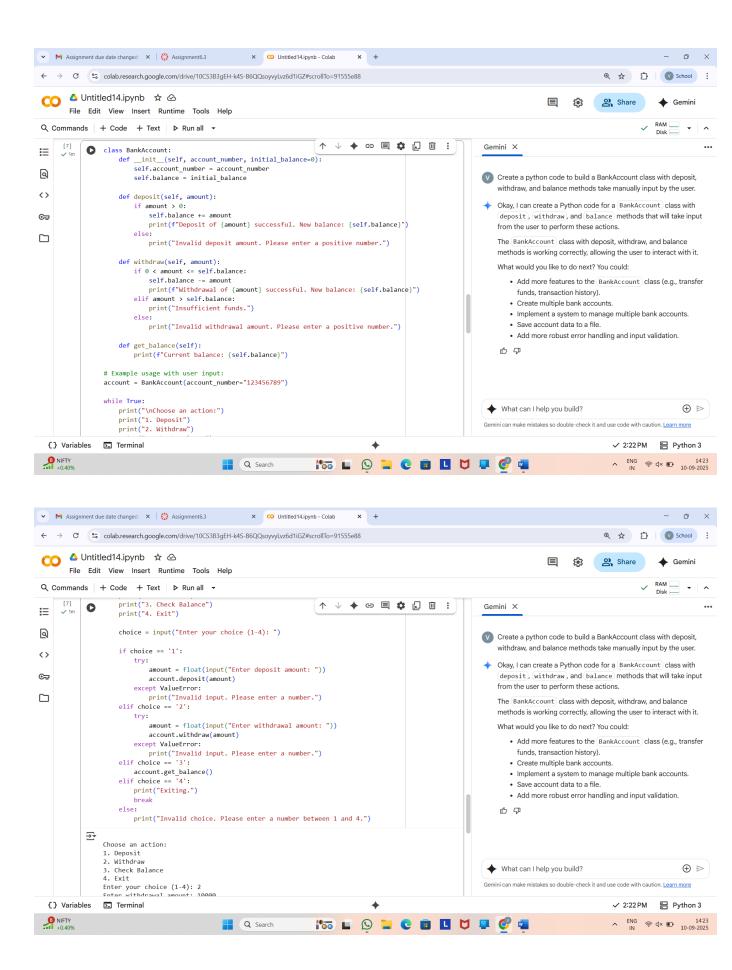
**Prompt**: Create a python code to sum\_to\_n() function to calculate sum of first n numbers take manually input by the user.

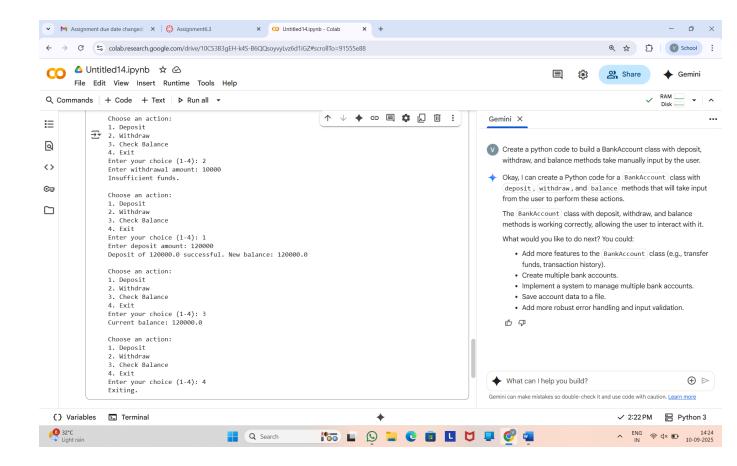


**Observation:** This task successfully demonstrates how to define a Python function that takes user input, validates it, and uses a for loop to iterate and accumulate a sum. This is a common pattern for performing calculations over a range of numbers.

#### Task-5:

**Prompt:** Create a python code to build a BankAccount class with deposit, withdraw, and balance methods take manually input by the user.





Observation: This task successfully demonstrates the creation of a Python class with multiple methods (deposit, withdraw, get\_balance) that encapsulate data (balance) and behavior. It also incorporates a loop for continuous user interaction and basic error handling for invalid input, simulating a simple banking application.