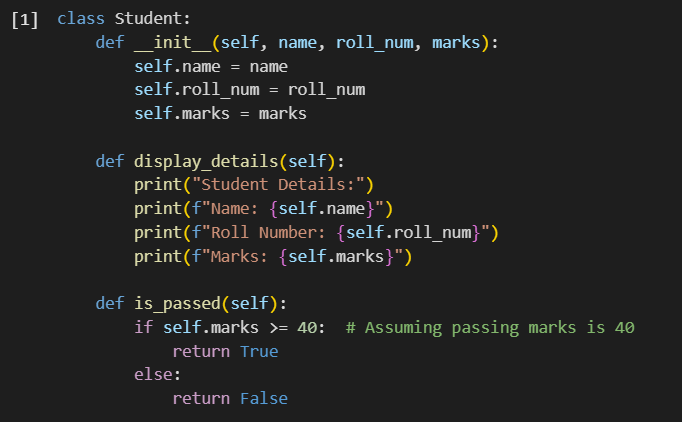
**LAB ASSIGNMENT- 6.4**

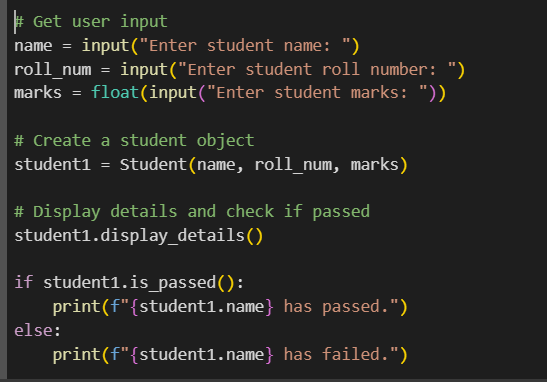
**ROLL\_NO:2403A52349**

**NAME:TAHIYA MAHEROZE**

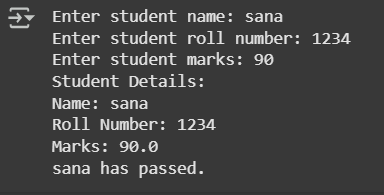
**TASK1:**

**write a python program with class named student with attributes name,roll\_num,and marks using functions display\_details() and is\_passed() and also ask the user input**

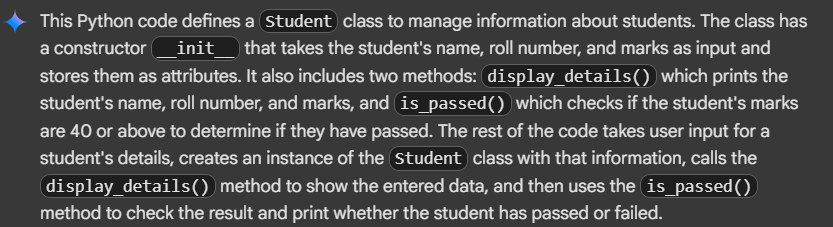




**OUTPUT:**

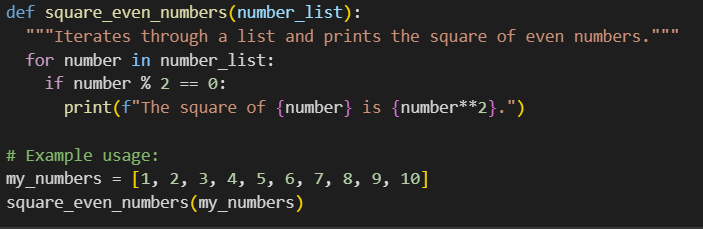


**EXPLANATION:**

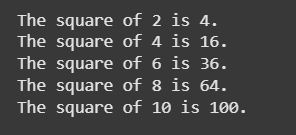


**TASK2:**

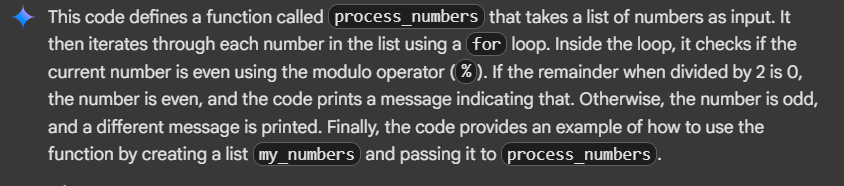
**write a python program to write first 2 lines of a for loop to iterate through a list of numbers with conditional logic if number%2==0 using functions**



**OUTPUT:**

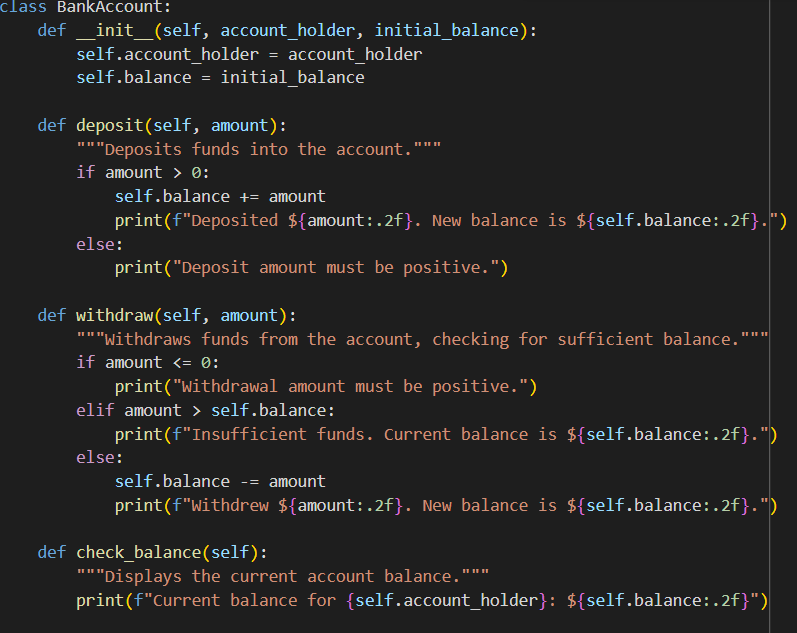


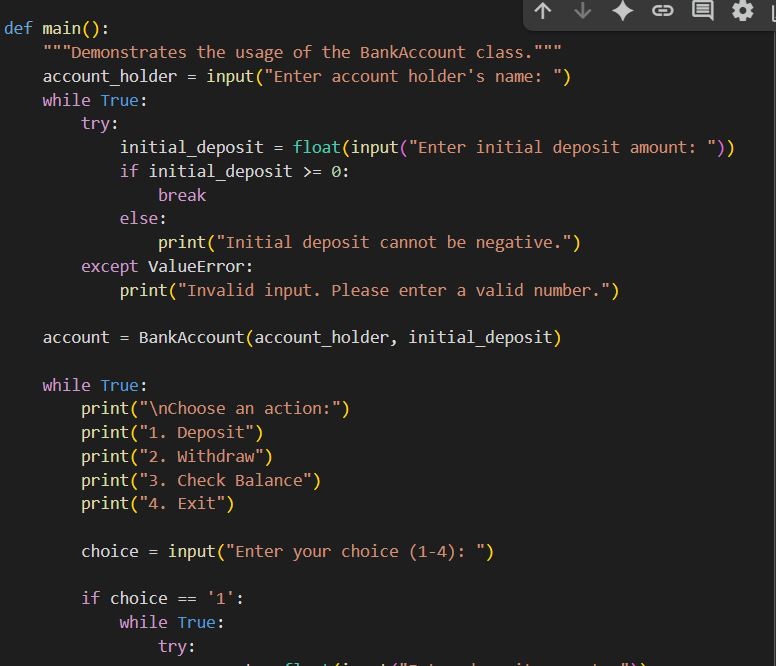
**EXPLANATION:**

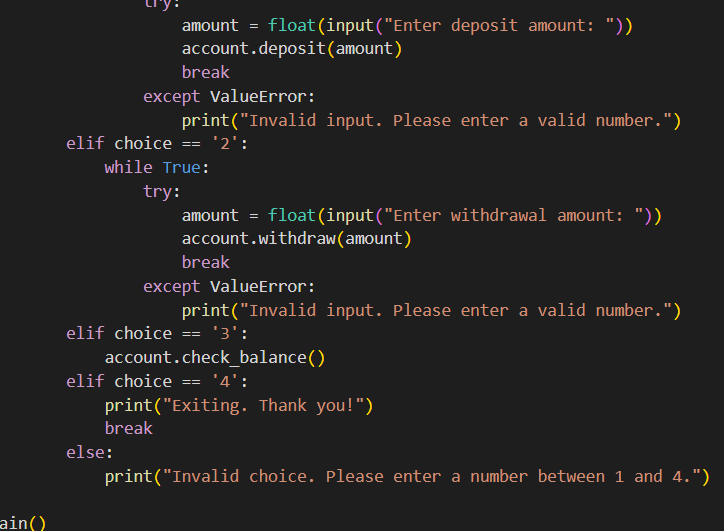


**Task3:**

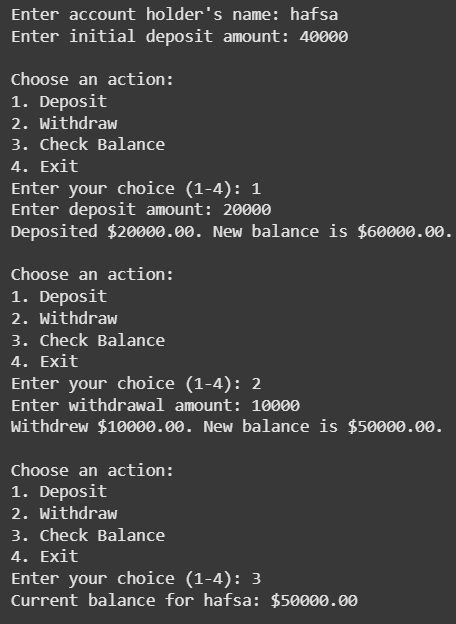
**write a python program to create a class called bankaccount with attributes account\_holder and balance using deposit(), withdraw(), and check for insufficient balance and also Code should prevent overdrawing.**

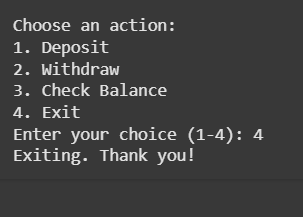




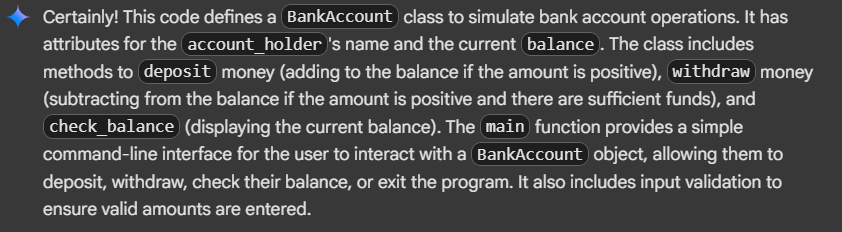


**Output:**



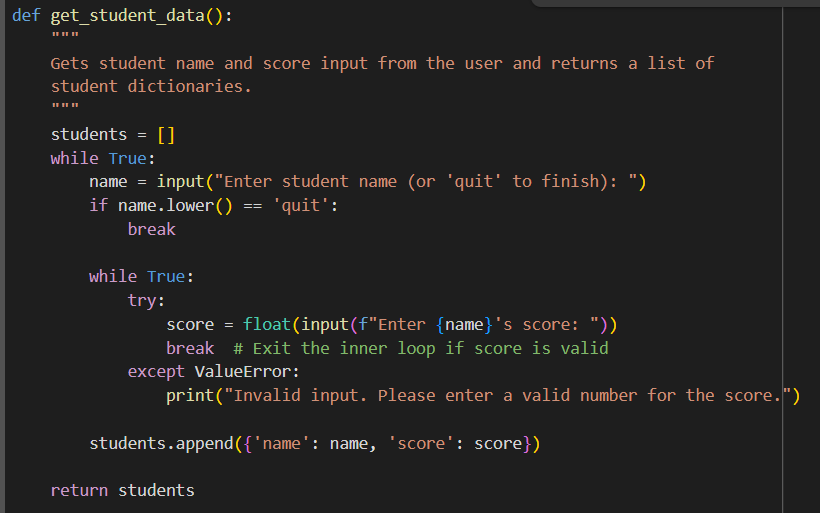


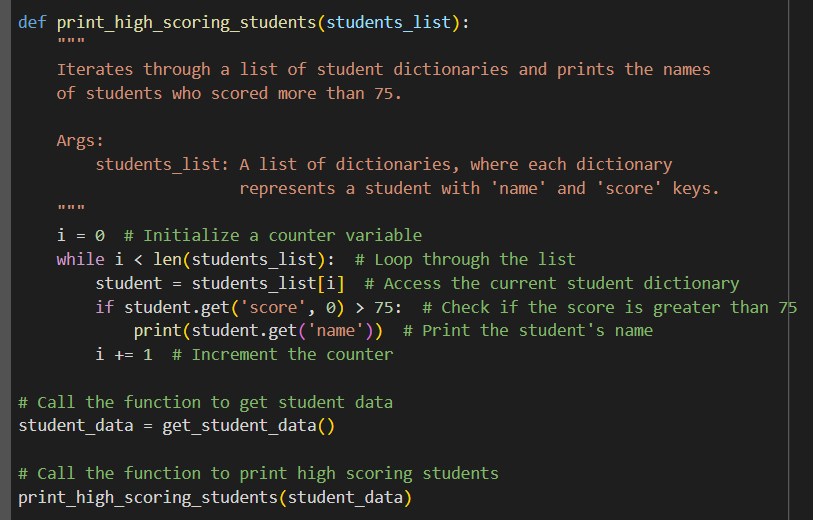
**Explaination:**



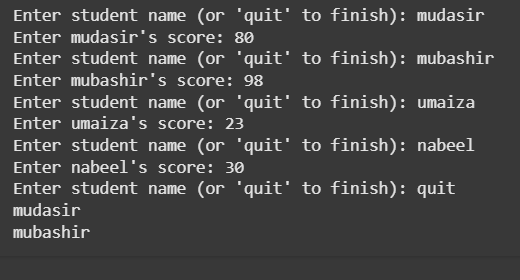
**Task4:**

**write a python program to define a list of student dictionaries with keys name and score with while loop to print names of the students who scored more than 75 and ask the user input using functions**

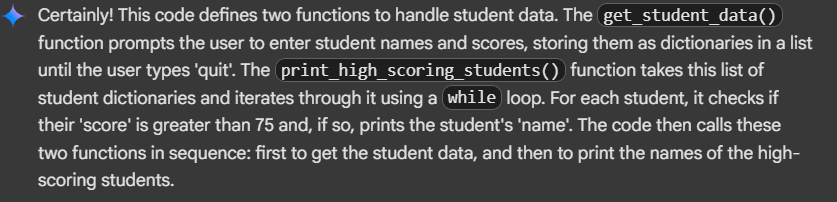




**Output:**

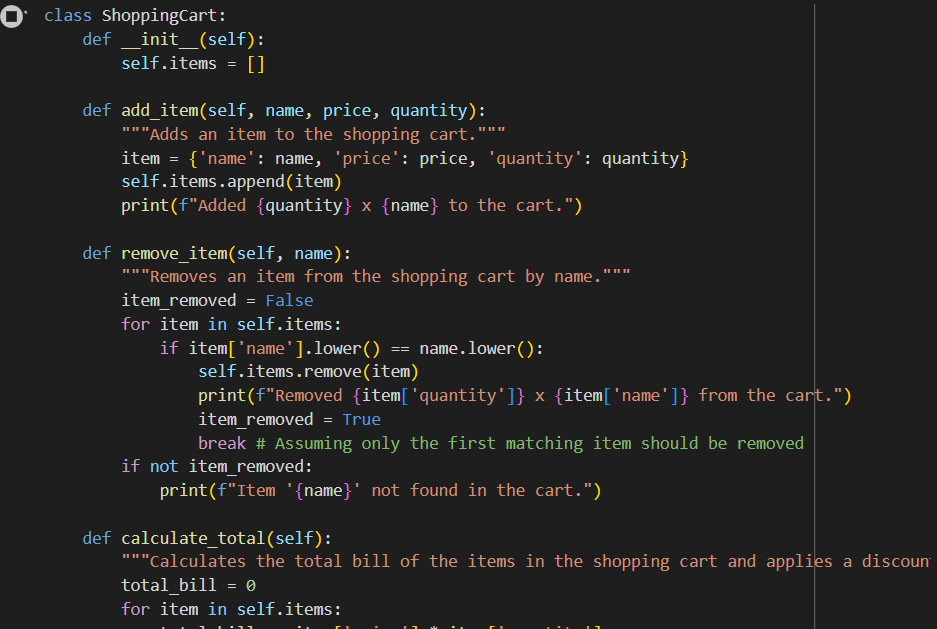


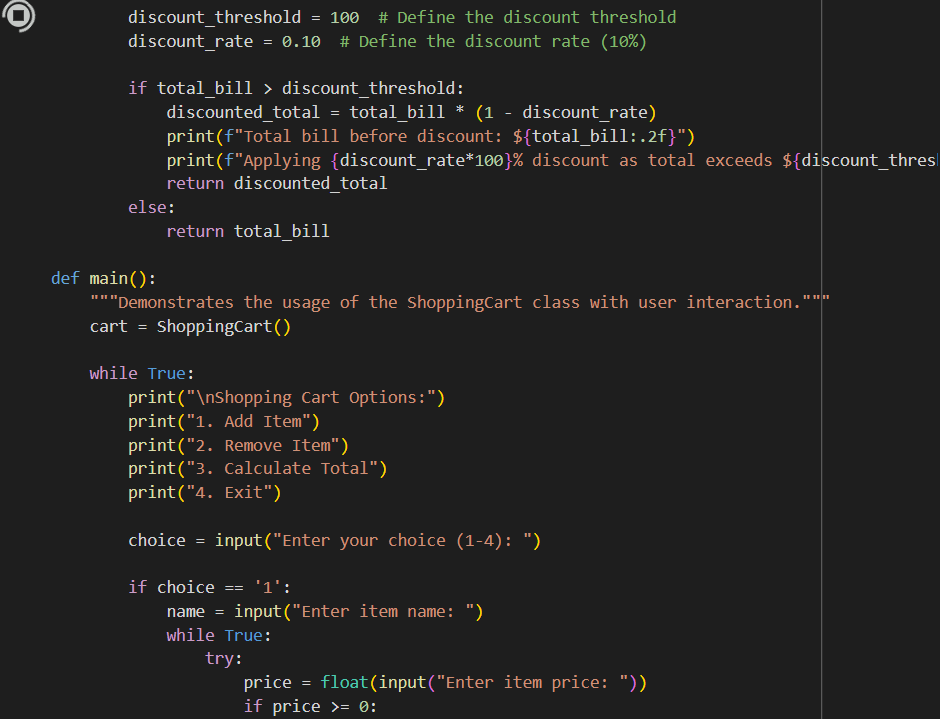
**Explaination:**

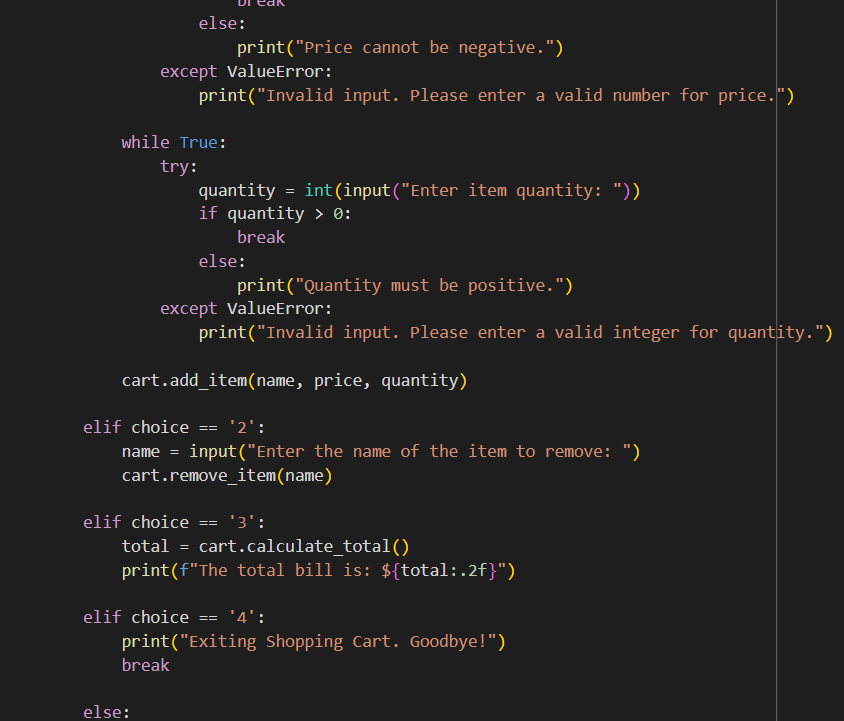


**Task5:**

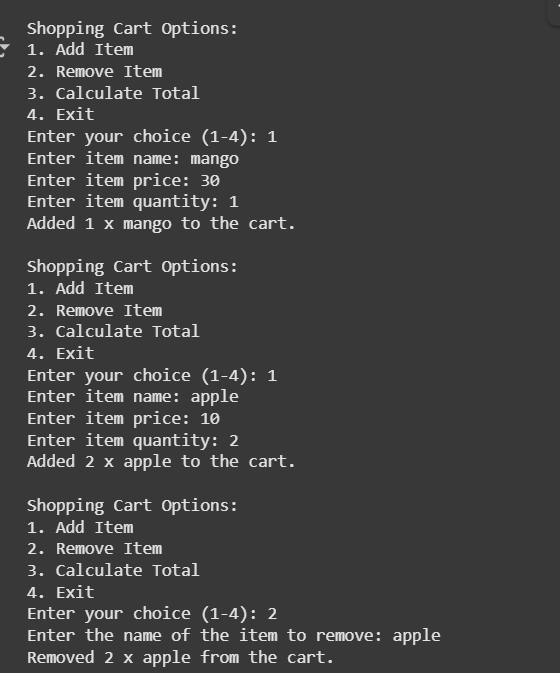
**write a python program that writes class shoppingcart with an empty items list generate methods to add\_item,remove\_item,and use a loop to calculate the total bill using conditional discount using functions**

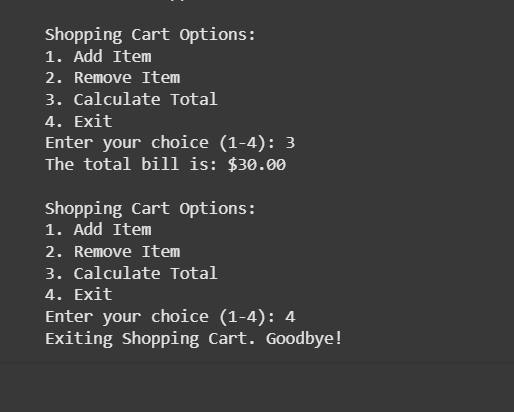






**Output:**





**Explaination:**

