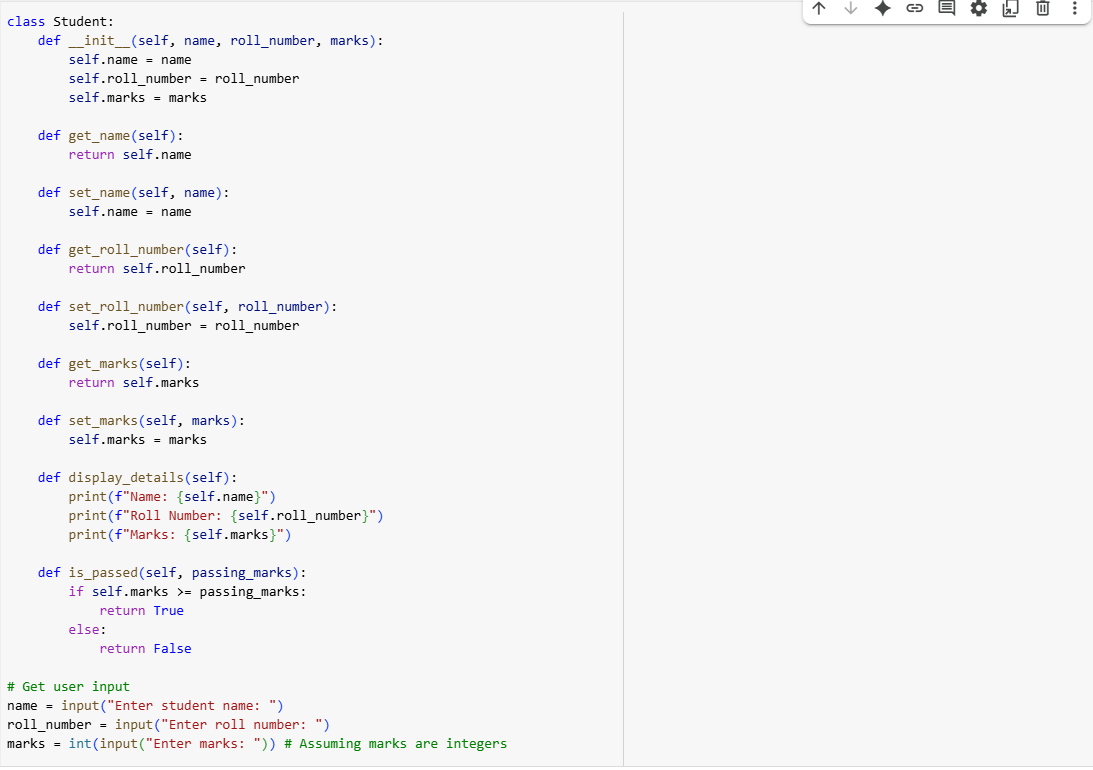
AI LAB ASSIGNMENT 6.4:

NAME:M.VARSHITHA

HALLTICKET NO:2403A52342

TASK 1:write a python class named student with attributes name,roll\_number,and marks using functions and take user input and it should generate methods like display\_details and is\_passed and use if-else conditions .

CODE:



A computer code with text

AI-generated content may be incorrect.

OUTPUT:

A close-up of a number

AI-generated content may be incorrect.

EXPLANATION:

A screenshot of a chat

AI-generated content may be incorrect.

TASK 2:

numbers=[1,2,3,4,5] for i in numbers: write a python program to calculate and print the square of even numbers only.

CODE:

A white background with numbers and symbols

AI-generated content may be incorrect.

OUTPUT:

A white background with black and white clouds

AI-generated content may be incorrect.

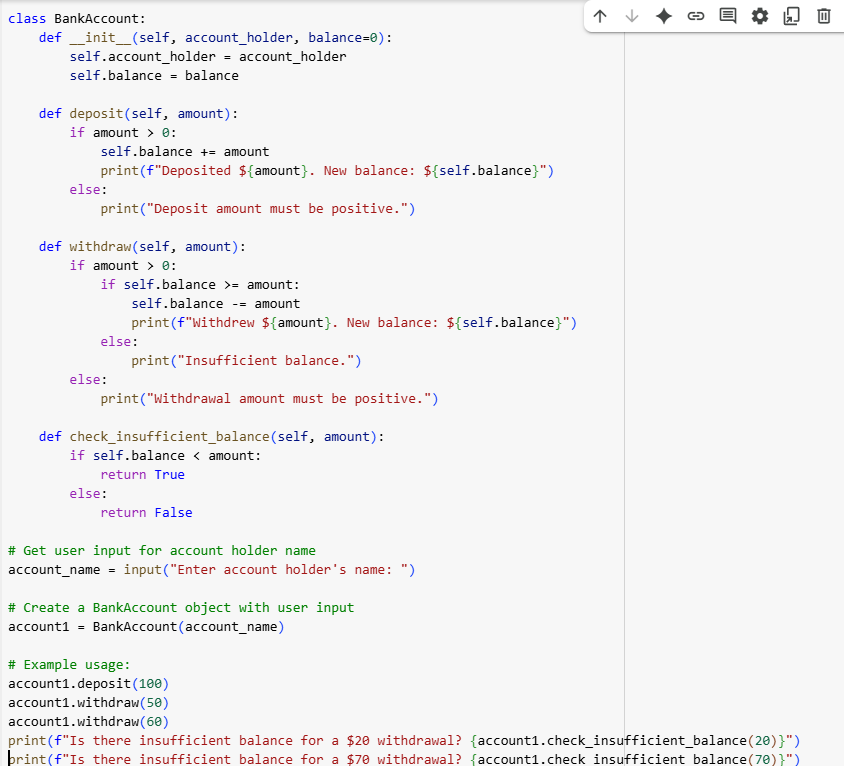
EXPLANATION:

A screenshot of a chat

AI-generated content may be incorrect.

TASK 3: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.

CODE:



OUTPUT:

A white background with black text

AI-generated content may be incorrect.

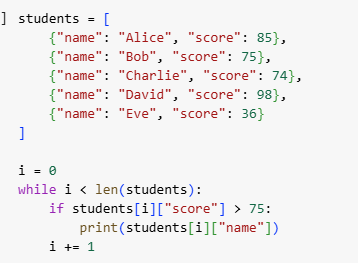
EXPLANATION:

A screenshot of a chat

AI-generated content may be incorrect.

TASK 4: students = [ {"name": "Alice", "score": 85}, {"name": "Bob", "score": 75}, {"name": "Charlie", "score": 74}, {"name": "David", "score": 98}, {"name": "Eve", "score": 36} ] write a while loop to print names of students who scored more than 75

CODE:



OUTPUT:

A white background with black and white clouds

AI-generated content may be incorrect.

EXPLANATION:

A screenshot of a text message

AI-generated content may be incorrect.

TASK 5:write a class shoppingcart with empty items list and use methods add\_item,remove\_item,and use a loop to calculate the total bill using conditional discounts

CODE:

A screenshot of a computer program

AI-generated content may be incorrect.

A computer code with text

AI-generated content may be incorrect.

OUTPUT:

A screenshot of a computer program

AI-generated content may be incorrect.

EXPLANATION:

A screenshot of a text message

AI-generated content may be incorrect.