Week 3 Homework: Student Grade Tracker

Task Objective

Create a Student class that helps track student information and grades.

Requirements

1. Create a Student class with the following attributes:

   o name: Student's full name

   o age: Student's age

   o grades: A list to store the student's grades

2. Implement the following methods:

   o __init__(): Constructor to initialize student details

   o add_grade(): Add a new grade to the student's grade list

   o calculate_average(): Calculate and return the average of all grades

   o get_student_info(): Return a string with student's name and age

3. Example Implementation Guide

```
class Student:

  def __init__(self, name, age):

    # Initialize student with name and age

    # Create an empty list for grades

  def add_grade(self, grade):

    # Add a single grade to the grades list

  def calculate_average(self):

    # Calculate and return the average of grades

    # Return 0 if no grades exist

  def get_student_info(self):

    # Return a string with student's name and age
```