**1. Grade Checker**

**Take a score as input and print the grade based on the following:**

**90+ : "A"**

**80-89 : "B"**

**70-79 : "C"**

**60-69 : "D"**

**Below 60 : "F"**

**here we used a basic if else statement to carry out marks and all.**

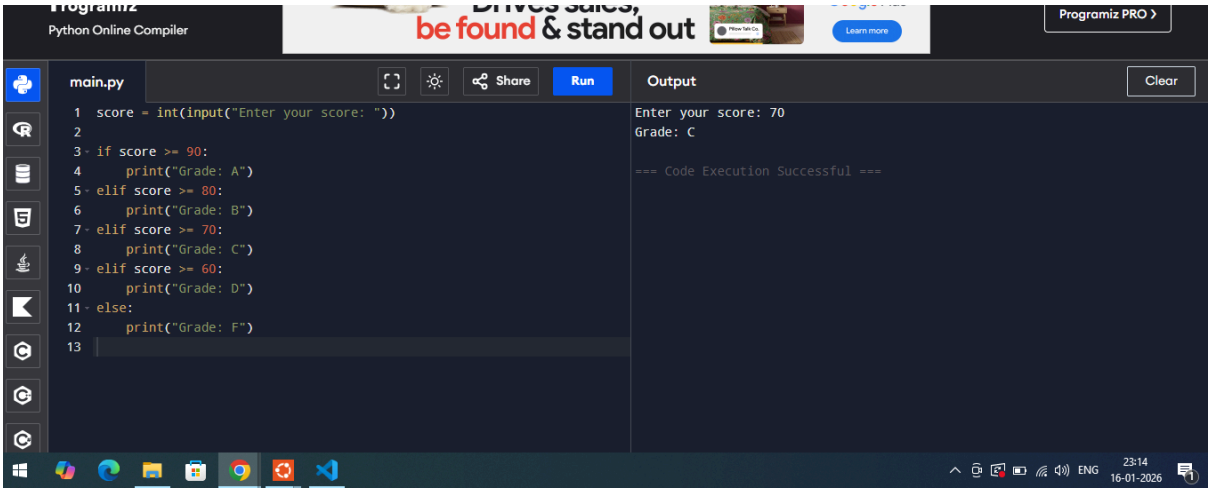
Ans :

User enters marks

Program checks conditions from top to bottom

First matching condition executes

Output grade is printed



**2 Student Grades**

**Create a dictionary where the keys are student names and the values are their grades. Allow the user to:**

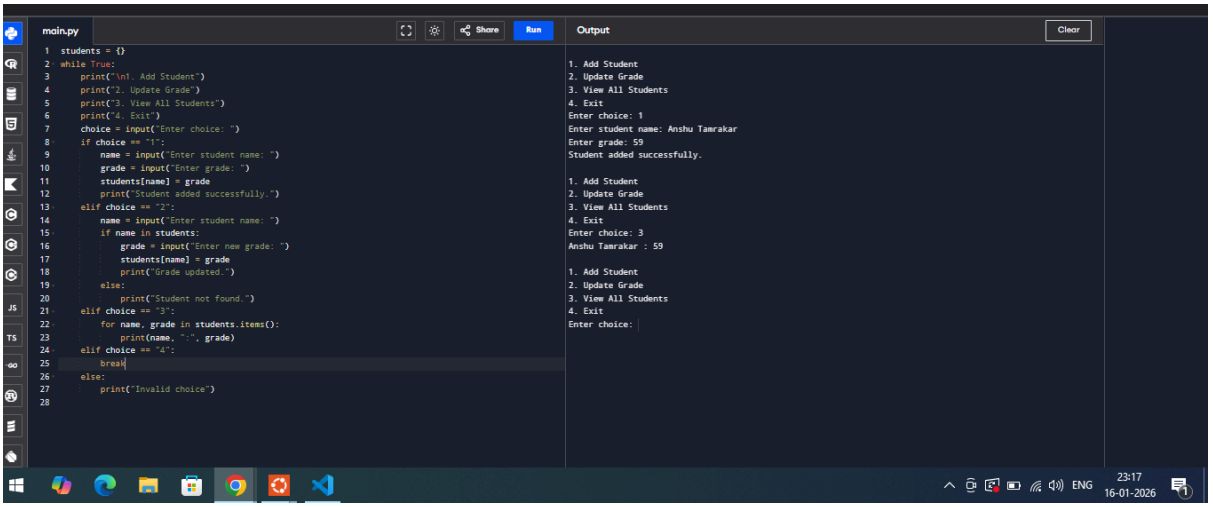
**Add a new student and grade.**

**Update an existing student's grade.**

**Print all student grades.**

**Used dictionary and basic operations. Using if else:**

Ans



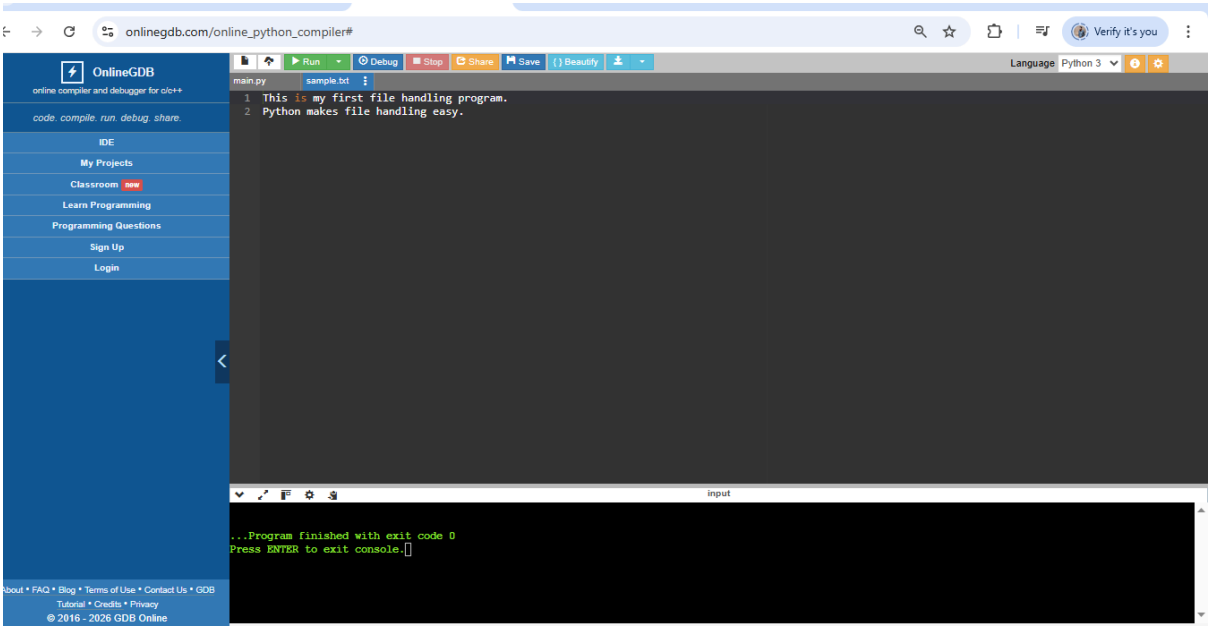

Dictionary stores student data Menu-driven program using while

`If else` handles operations in keyword checks existing students

**3.Write to a File**

**Write a program to create a text file and write some content to it.**

**Using file functions like write and open.**



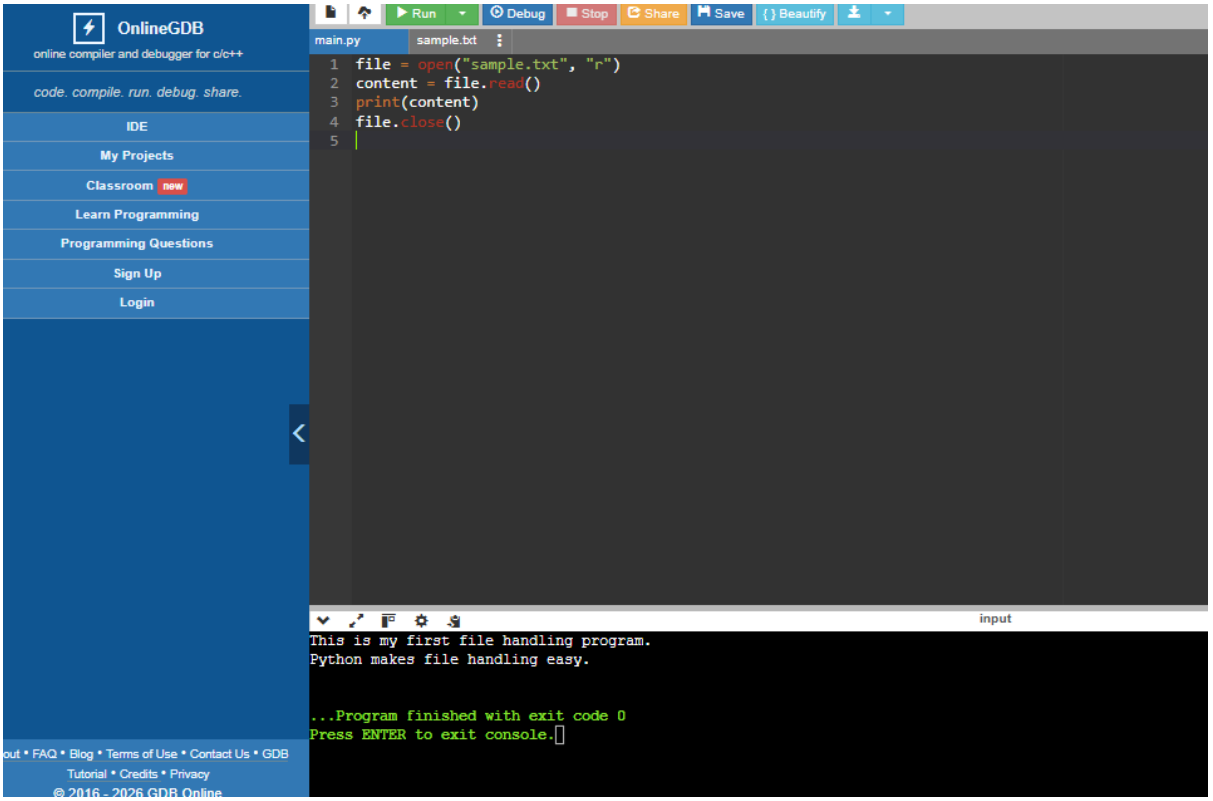

The program creates a text file named sample.txt and writes content into it using Python file handling.

The file was successfully created and the written content is visible.you can see in the right side of the main.py file.

**4. Read from a File**

**We used open in read mode and file.read to read and print to display.**

Ans :




The file sample.txt is opened in read mode (“r”) file.read() reads the entire content of the file.

The content is printed on the screen using printf() file.close() closes the file after reading

**Submission Guidelines -:** Attach Screenshots or command along with explanation and submit in doc(google doc or microsoft doc) format or share github link