Assignment 2

# 1. Grade Checker

Code:  
score = int(input("Enter your score: "))  
  
if score >= 90:  
 print("Grade: A")  
elif score >= 80:  
 print("Grade: B")  
elif score >= 70:  
 print("Grade: C")  
elif score >= 60:  
 print("Grade: D")  
else:  
 print("Grade: F")  
  
Explanation:  
- Takes a score as input.  
- Uses if-elif-else to determine the grade based on score.

# 2. Student Grades

Code:  
grades = {}  
  
# Add a new student  
grades["Rakesh"] = "A"  
grades["Rahul"] = "B"  
  
# Update an existing student's grade  
grades["Rahul"] = "A"  
  
# Print all student grades  
for student, grade in grades.items():  
 print(f"{student}: {grade}")  
  
Explanation:  
- Uses a dictionary to store student names and grades.  
- Supports adding and updating grades.  
- Prints all student data.

# 3. Write to a File

Code:  
with open("output.txt", "w") as file:  
 file.write("This is a test file.\n")  
 file.write("Hello from TuteDude assignment!")  
  
Explanation:  
- Opens (or creates) a file in write mode.  
- Writes two lines of content.

# 4. Read from a File

Code:  
with open("output.txt", "r") as file:  
 content = file.read()  
 print(content)  
  
Explanation:  
- Opens the file in read mode.  
- Reads and prints its content.

**Repo Link: https://github.com/BabluuMemes20005/Tutude-Devops-Assignment**