# Take input from the user and convert it to an integer

score = int(input("Enter your score:\n"))

# Determine the grade based on the score

if score >= 90:

grade = "A"

elif score >= 80:

grade = "B"

elif score >= 70:

grade = "C"

elif score >= 60:

grade = "D"

else:

grade = "F"

# Print the result

print("Your grade is:", grade)

A screenshot of a computer

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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:

# Initialize an empty dictionary

student\_grades = {}

while True:

print("\nMenu:")

print("1. Add a new student and grade")

print("2. Update existing student's grade")

print("3. Print all student grades")

print("4. Exit")

choice = input("Enter your choice (1-4): ")

if choice == "1":

name = input("Enter student name: ")

grade = input("Enter grade: ")

if name in student\_grades:

print(f"{name} already exists. Use option 2 to update grade.")

else:

student\_grades[name] = grade

print(f"{name} added with grade {grade}.")

elif choice == "2":

name = input("Enter student name to update: ")

if name in student\_grades:

new\_grade = input(f"Enter new grade for {name}: ")

student\_grades[name] = new\_grade

print(f"Updated {name}'s grade to {new\_grade}.")

else:

print(f"{name} not found. Use option 1 to add.")

elif choice == "3":

if not student\_grades:

print("No students found.")

else:

print("\nStudent Grades:")

for name, grade in student\_grades.items():

print(f"{name}: {grade}")

elif choice == "4":

print("Exiting program.")

break

else:

print("Invalid choice. Please enter a number from 1 to 4.")

A screenshot of a computer program

AI-generated content may be incorrect.

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

Using file functions like write and open.

A screenshot of a computer

AI-generated content may be incorrect.

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

A screenshot of a computer

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